

# Product Datasheet

## Recombinant Human Polypeptide GalNac Transferase 4/GALNT4 Protein H00008693-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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**H00008693-P01-10ug****Recombinant Human Polypeptide GalNac Transferase 4/GALNT4 Protein**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 10 ug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>                     | Store at -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Buffer</b>                      | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>                 | <p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 40-578 of Human GALNT4 full-length ORF</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b><br/> RARELGSRRLSGLQKNTEDLSRPLYKKPPADSRALGEWGKASKLQLNEDELK<br/> QQEELIERYAINIYLSDRISLHRHIEDKRMYECKSQKFNYRTLPTTSVIIAFYNEA<br/> WSTLLRTIHSVLETSPAVLLKEILVDDLSDRVYLKTQLETYISNLDRVRLIRTNKR<br/> EGLVRARLIGATFATGDVLTFLDCHCECNSGWLEPLLERIGRDETAVVCPVIDTI<br/> DWNTFEFYMQIGPEMIGGFDWRLTFQWHSVPKQERDRRISRIDPIRSPTMAGG<br/> LFAVSKKYFQYLGTYDTGMEVWGGENLELSFRVWQCQGGKLEIHPCSHVGHVF<br/> PKRAPYARPNFLQNTARAAEVWMDEYKEHFYNRNPPARKEAYGDISERKLLR<br/> ERLRCKSFDWYLNKVFNLHVPEDRPGWHGAIRSRGISSECLDYNSPDNNPT<br/> GANLSLFGCHGQGGNQFFEYTSNKEIRFNSVTELCAEVPEQKNYVGMQNCPK<br/> DGFPVPANIIWHFKEDGTIFHPSGLCLSAYRTPEGRPDVQMRTCDALDKNQI<br/> WSFEK</p> |
| <b>Gene ID</b>                     | 8693                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>                 | GALNT4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity Notes</b>            | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Preparation Method</b>          | in vitro wheat germ expression system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Details of Functionality</b>    | This protein is not active and should not be used for experiments requiring activity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Notes</b>                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>                | Western Blot, ELISA, Protein Array, Immunoaffinity Purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA, Protein Array, Immunoaffinity Purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Application Notes</b>           | Useful in Western Blot and ELISA. This protein has not been tested for any functionality. This product may contain endotoxins and is not suitable for use with live cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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