

# Product Datasheet

## Recombinant Human Histone H1.2 GST (N-Term) Protein H00003006-P01-2ug

Unit Size: 2 ug

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

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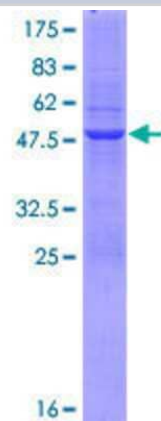
**H00003006-P01-2ug****Recombinant Human Histone H1.2 GST (N-Term) Protein**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 2 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>Preservative</b>                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>                      | >80% by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Buffer</b>                      | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Target Molecular Weight</b>     | 47.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>                 | <p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-213 of Human HIST1H1C</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b><br/> MSETAPAAPAAAPPAEKAPVKKKAAKKAGGTPRKASGPPVSELITKAVAASKE<br/> RSGVSLAALKKALAAAGYDVEKNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKL<br/> NKKAASGEAKPKVKKAGGTPKPKPVGAACKPKKAAGGATPKKSAKKTPKKAK<br/> KPAAATVTKKVAKSPKKAKVAKPKKAAKSAKAVKPAAKPKVVKPKKAAPKK<br/> K</p> |
| <b>Gene ID</b>                     | 3006                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Symbol</b>                 | H1-2                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Preparation Method</b>          | in vitro wheat germ expression system                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Details of Functionality</b>    | This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.                                                                                                                      |
| <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                                                                                                                                                                                                                                                                                                                                                                                         |



## Images

Recombinant Human Histone H1.2 Protein [H00003006-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Bonfiglio JJ, Fontana P, Zhang Q et al. Serine ADP-Ribosylation Depends on HPF1. Mol Cell 2017-02-08 [PMID: 28190768]



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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