

# Product Datasheet

## Recombinant Human alpha 1-Microglobulin Protein H00000259-P01-10ug

Unit Size: 10 ug

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

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Updated 5/13/2019 v.20.1

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**H00000259-P01-10ug****Recombinant Human alpha 1-Microglobulin 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>Purity</b>                  | >80% by SDS-PAGE and Coomassie blue staining                                                |
| <b>Buffer</b>                  | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0.                                          |
| <b>Target Molecular Weight</b> | 62.48 kDa                                                                                   |

| <b>Product Description</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>              | <p>A recombinant protein with GST-tag at N-terminal corresponding to the amino acids 1-334 of Human AMBP full-length ORF</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b><br/> AGPVPTPPDNIQVQGNFNISRIYGKWYNLAIGSTCPWLKKIMDRMTVSTLVLGE<br/> GATEAEISMTSTRWRKGVCEETSGAYEKD TDGKFLYHKSKWNITMESYVVHT<br/> NYDEYAIFLT KKFSRHHGPTITAKLYGRAPQLRETL LQDFRVVAQGVGIPEDSIF<br/> TMADRGECPVGEQEPEPILIPVRRVAVLPQEEEGSGGGQLVTEVTKKEDSCQL<br/> GYSAGPCMGMTSRYFYNGTSMACETFQYGGCMGNGN NFVTEKECLQTCRTV<br/> AACNLPIVRGPCRAFIQLWAFDAVKGKCVLFPYGGCQGN GNKFYSEKECREY<br/> CGVPGDGD EELLRFSN</p> |
| <b>Gene ID</b>                  | 259                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>              | AMBP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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 |





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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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