

## Recombinant Human SERPINA1 Protein, MYC/DDK-tagged

Cat. No. SERPINA1-866H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant human SERPINA1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>Description</b>      | Short peptide from AAT: reversible chymotrypsin inhibitor. It also inhibits elastase, but not trypsin. Its major physiological function is the protection of the lower respiratory tract against proteolytic destruction by human leukocyte elastase (HLE).<br>[UniProtKB/Swiss-Prot Function] |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.   |
| <b>Molecular Mass</b>   | 44.3 kDa   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method   |

### GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | serpin family A member 1 [ Homo sapiens ] |
| <b>Official Symbol</b> | SERPINA1                                  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



|                       |  |
|-----------------------|--|
| <b>Synonyms</b>       | A1A; A1AT; AAT; alpha1AT; PI; PI1; PRO2275 |
| <b>Gene ID</b>        | <a href="#">5265</a>                       |
| <b>mRNA Refseq</b>    | <a href="#">NM_000295.4</a>                |
| <b>Protein Refseq</b> | <a href="#">NP_001121179</a>               |
| <b>MIM</b>            | <a href="#">107400</a>                     |
| <b>UniProt ID</b>     | <a href="#">P01009</a>                     |

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