

## Recombinant Human SERPINA3 protein, His-GST-tagged

Cat. No. SERPINA3-5612H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SERPINA3 protein(Lys235~Arg394), fused with N-terminal His and GST tag, was expressed in E. coli. |
| <b>Species</b>          | Human                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                              |
| <b>ProteinLength</b>    | Lys235~Arg394                                                                                                       |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                             |
| <b>Molecular Mass</b>   | 48kDa                                                                                                               |
| <b>Endotoxin</b>        | <1.0EU per 1µg (determined by the LAL method)                                                                       |
| <b>Purity</b>           | > 90%                                                                                                               |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.          |
| <b>Reconstitution</b>   | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SERPINA3 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | SERPINA3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | SERPINA3; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3; AACT, alpha 1 antichymotrypsin , serine (or cysteine) proteinase inhibitor, clade A (alpha 1 antiproteinase, antitrypsin), member 3; alpha-1-antichymotrypsin; ACT; alpha 1 antichymotrypsin; serpin A3; growth-inhibiting protein 24; growth-inhibiting protein 25; cell growth-inhibiting gene 24/25 protein; serine (or cysteine) proteinase inhibitor, clade A, member 3; AACT; GIG24; GIG25; MGC88254; |
| <b>Gene ID</b>         | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>     | NM_001085                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_001076                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MIM</b>             | 107280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | P01011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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