

## 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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