

## Recombinant Human SERPINB3 Protein, His-tagged

Cat. No. SERPINB3-2685H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SERPINB3 Protein (Arg144-Thr298) with a N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg144-Thr298
<b>Description</b>	Enables cysteine-type endopeptidase inhibitor activity; protease binding activity; and virus receptor activity. Involved in several processes, including autocrine signaling; paracrine signaling; and regulation of cellular protein metabolic process. Located in cytoplasmic vesicle; extracellular exosome; and nucleus.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 22.1 kDa Accurate Molecular Mass: 22 kDa
<b>Endotoxin</b>	<1.0 EU per 1g (determined by the LAL method).
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	SERPINB3 serpin peptidase inhibitor, clade B (ovalbumin), member 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	SERPINB3
<b>Synonyms</b>	SERPINB3; serpin peptidase inhibitor, clade B (ovalbumin), member 3; SCC, SCCA1, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 3; serpin B3; HsT1196; T4 A; protein T4-A; squamous cell carcinoma antigen 1; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 3; SCC; T4-A; SCCA1; SCCA-1; SCCA-PD;
<b>Gene ID</b>	6317
<b>mRNA Refseq</b>	NM_006919
<b>Protein Refseq</b>	NP_008850

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<b>MIM</b>	600517
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<b>UniProt ID</b>	P29508
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