

Recombinant Human SERPINB3 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SERPINB3 Protein (Arg144-Thr298) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg144-Thr298
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.1 kDa Accurate Molecular Mass: 22 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	SERPINB3 serpin peptidase inhibitor, clade B (ovalbumin), member 3 [Homo sapiens (human)]
Official Symbol	SERPINB3
Synonyms	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;
Gene ID	6317
mRNA Refseq	NM_006919
Protein Refseq	NP_008850

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MIM	600517
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UniProt ID	P29508
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