Recombinant Human SERPINB3

Cat. No. SERPINB3-31188TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SerpinB3 protein with an N terminal proprietary tag; predicted mwt: 68.97 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	390 amino acids
Description	Serpin B3 is a protein that in humans is encoded by the SERPINB3 gene.
Molecular Weight	68.970kDa inclusive of tags
Tissue specificity	Squamous cells. Expressed in some hepatocellular carcinoma (at protein level).
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MNSLSEANTKFMFDLFQQFRKSKENNIFYSPISITSALGM VLLGAKDNTAQQIKKVLH

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	FDQVTENTTGKAATYHVDRSGN VHHQFQKLLTEFNKSTDAYELKIANKLFGEKTYLF LQEYL DAIKKFYQTSVESVDFANAPEESRKKINSWVESQTNEKIK NLIPEGNIGSNTT LVLVNAIYFKGQWEKKFNKEDTKEEKF WPNKNTYKSIQMMRQYTSFHFASLEDVQA KVLEIPYKGKD LSMIVLLPNEIDGLQKLEEKLTAEKLMEWTSLQNMRETRV DLHLPR FKVEESYDLKDTLRTMGMVDIFNGDADLSGMTGS RGLVLSGVLHKAFVEVTEEGAE AAAATAVVGFGSSPTSTN EEFHCNHPFLFFIRQNKTNSILFYGRFSSP
Sequence Similarities	Belongs to the serpin family. Ov-serpin subfamily.

GENE INFORMATION

Gene Name	SERPINB3 serpin peptidase inhibitor, clade B (ovalbumin), member 3 [Homo sapiens]
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;
Gene ID	6317
mRNA Refseq	NM_006919
Protein Refseq	NP_008850
MIM	600517
Uniprot ID	P29508

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Chromosome Location	18q21.3
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem;
Function	peptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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