

# Recombinant Human SERPINB3

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

## SPECIFICATION

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

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FDQVTENTTGKAATYHVDRSGN VHHQFQKLLTEFNKSTDAYELKIANKLFGKTYLF  
 LQEYL DAIKKFYQTSVESVDFANAPEESRKKINSWVESQTNEKIK NLIPEGNIGSNTT  
 LVLVNAIYFKGQWEKKFNKEDTKEEF WPNKNTYKSIQMMRQYTSFHFASLEDVQA  
 KVLEIPYKGKD LSMIVLLPNEIDGLQKLEEKLTAEKLMEWTSLQNMRETRV DLHLPR  
 FKVEESYDLKDTLRTMGMDIFNGDADLSGMTGS RGLVLSGVLHKAFVEVTEEGAE  
 AAAATAVVGFGSSPTSTN EEFHCNHPFLFFIRQNKTNSILFYGRFSSP

**Sequence**

Belongs to the serpin family. Ov-serpin subfamily.

**Similarities**

## 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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|                            |                                                                             |
|----------------------------|-----------------------------------------------------------------------------|
| <b>Chromosome Location</b> | 18q21.3                                                                     |
| <b>Pathway</b>             | Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem;   |
| <b>Function</b>            | peptidase inhibitor activity; serine-type endopeptidase inhibitor activity; |

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