

# Recombinant Full Length Human SERPINB3 Protein, C-Flag-tagged

**Cat. No.** SERPINB3-535HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human SERPINB3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | May act as a papain-like cysteine protease inhibitor to modulate the host immune response against tumor cells. Also functions as an inhibitor of UV-induced apoptosis via suppression of the activity of c-Jun NH(2)-terminal kinase (JNK1).                                                                                                                                                                                                                             |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 44.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MNSLSEANTKFMFDLFQQFRKSKENNIFYSPISITSALGMVLLGAKDNTAQQIKKVLH<br>FDQVTENTTGKA ATYHVDRSGNVHHQFQKLLTEFNKSTDAYELKIANKLFGKTYLF<br>LQEYLDIAIKKFYQTSVESVDFANAP EESRKKINSWVESQTNEKIKNLIPEGNIGSNTT<br>LVLVNAIYFKGQWEKKFNKEDTKEEFWPNKNTYKSI QMMRQYTSFHFASLEDVQA<br>KVLEIPYKGDLSMIVLLPNEIDGLQKLEEKLTAEKLMEWTSLQNMRETRV DLHLPR<br>FKVEESYDLKDTLRTMGMDIFNGDADLSGMTGSRGLVLSGVLHKAFFVEVTEEGAE<br>AAAAATAVV<br>GFGSSPTSTNEEFHCNHPFLFFIRQNKTNSILFYGRFSSPTRTRPLEQKLISEEDLAA<br>NDILDYKDDDDKV |

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Protein Families</b> | Druggable Genome, Secreted Protein                                                                                                            |
| <b>Full Length</b>      | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| <b>Gene Name</b>       | SERPINB3 serpin family B member 3 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | SERPINB3                                                   |
| <b>Synonyms</b>        | SCC; T4-A; SCCA1; SSCA1; SCCA-1; HsT1196; SCCA-PD          |
| <b>Gene ID</b>         | 6317                                                       |
| <b>mRNA Refseq</b>     | NM_006919.3                                                |
| <b>Protein Refseq</b>  | NP_008850.1                                                |
| <b>MIM</b>             | 600517                                                     |

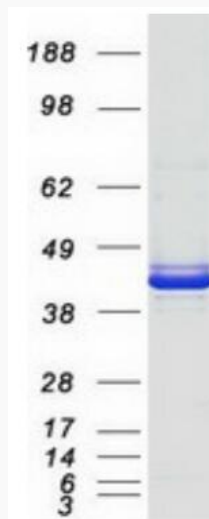
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UniProt ID

P29508



Coomassie blue staining of purified SERPINB3 protein.

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