

Recombinant Full Length Human SERPINB4 Protein, C-Flag-tagged

Cat. No. SERPINB4-2198HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SERPINB4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a member of the serpin family of serine protease inhibitors. The encoded protein is highly expressed in many tumor cells and can inactivate granzyme M, an enzyme that kills tumor cells. This protein, along with serpin B3, can be processed into smaller fragments that aggregate to form an autoantigen in psoriasis, probably by causing chronic inflammation.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	44.7 kDa
AA Sequence	MNSLSEANTKFMFDLFQQFRKSKENNIFYSPISITSALGMVLLGAKDNTAQQISKVLH FDQVTENTTEKA ATYHVDRSGNVHHQFQKLLTEFNKSTDAYELKIANKLFGEKTYQ FLQEYLDIAIKKFYQTSVESTDFANAP EESRKKINSWVESQTNEKIKNLFPDGTIGNDT TLVLVNAIYFKGQWENKFKKENTKEEFKWPKNKNTYKSV QMMRQYNSFNFALLEDV QAKVLEIPYKGDLSMIVLLPNEIDGLQKLEEKLTAEKLMEWTSLQNMRETCV DLHL PRFKMEESYDLKDLRTMGMVNIFNGDADLSGMTWSHGLSVSKVLHKAFFVEVTEE GVEAAAATAVV VVELSSPSTNEEFCCNHPFLFFIRQNKTNSILFYGRFSSP TRTRPL

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Purity > 80% as determined by SDS-PAGE and Coomassie blue staining.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Families Druggable Genome, Secreted Protein

Full Length Full L.

GENE INFORMATION

Gene Name [SERPINB4 serpin family B member 4 \[Homo sapiens \(human\) \]](#)

Official Symbol [SERPINB4](#)

Synonyms PI11; SCCA1; SCCA2; LEUPIN; SCCA-2

Gene ID [6318](#)

mRNA Refseq [NM_002974.4](#)

Protein Refseq [NP_002965.1](#)

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MIM	600518
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UniProt ID	P48594
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