

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 ATYHVDRSGNVHHQFQKLLTEFNKSTDAYELKIANKLFG EKTYQ FLQEYLD AIKKFYQTSVESTDFANAP EESRKKINSWVESQTNEKIKNLFDPDGTIGNDT TLVLVNAIYFKGQWENKFKKENTKEEFKFWPNKNTYKSV QMMRQYNSFN FALLEDV QAKVLEIPYK GKDL SMIVLLPNEIDGLQKLEEKLTAEKLMEWTS LQNMRETCV DLHL PRFKMEESYDLKDTLR TMGMVNIFNGDADLSGMTWSHGLSVSKVLH KAFVEVTEE GVEAAAATAVV VVELSSPSTNEEFCCNHPFLFFIRQNKTNSILFYGRFSSP TRTRPL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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

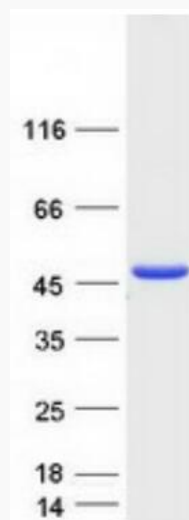
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MIM 600518

UniProt ID P48594



Coomassie blue staining of purified SERPINB4 protein.

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