

Recombinant Full Length Human SERPINB9 Protein, C-Flag-tagged

Cat. No. SERPINB9-1177HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SERPINB9 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the serine protease inhibitor family which are also known as serpins. The encoded protein belongs to a subfamily of intracellular serpins. This protein inhibits the activity of the effector molecule granzyme B. Overexpression of this protein may prevent cytotoxic T-lymphocytes from eliminating certain tumor cells. A pseudogene of this gene is found on chromosome 6.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	42.2 kDa
AA Sequence	METLSNASGTFAIRLLKILCQDNPSHNVFCSPVSISSALAMVLLGAKGNTATQMAQAL SLNTEEDIHRAF QSLLTEVNKAGTQYLLRTANRLFGEKTCQFLSTFKESCLQFYHAE LKELSFIRAAEESRKHINTWVSKKT EGKIEELLPGSSIDAETRLVLVNAIYFKGKWNE PFDETYTREMPFKINQEEQRPVQMMYQEATFKLAHVG EVRAQLLELPYARKELSL VLLPDDGVELSTVEKSLTFEKLTAWTKPDCMKSTEVEVLLPKFKLQEDYDM ESVLR HLGIVDAFQQGKADLSAMSAERDLCLSKFVHKSFVEVNEEGTEAAAASSCFVVAEC CMESGPRFC

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	ADHPFLFFIRHNRANSILFCGRFSSPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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
Full Length	Full L.

GENE INFORMATION

Gene Name	SERPINB9 serpin family B member 9 [Homo sapiens (human)]
Official Symbol	SERPINB9
Synonyms	PI9; CAP3; PI-9; CAP-3
Gene ID	5272
mRNA Refseq	NM_004155.6
Protein Refseq	NP_004146.1

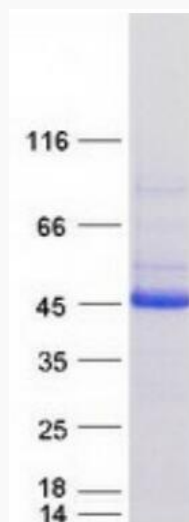
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MIM 601799

UniProt ID P50453



Coomassie blue staining of purified SERPINB9 protein.

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