

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	<p>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.</p>
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	42.2 kDa
AA Sequence	<p>METLSNASGTFAIRLLKILCQDNPSHNVFCSPVSISSALAMVLLGAKGNTATQMAQAL SLNTEEDIHRAF QLLTEVNKAGTQYLLRTANRLFGEKTCQFLSTFKESCLQFYHAE LKELSFIRAAEESRKHINTWVSKKT EGKIEELLPGSSIDAETRLVLVNAIYFKGKWNE PFDETYTREMPPFKINQEEQRPVQMMYQEATFKLAHVG EVRAQLLELPYARKESLL VLLPDDGVELSTVEKSLTFEKLTAWTKPDCMKSTEVEVLLPKFKLQEDYDM ESVLR HLGIVDAFQQGKADLSAMSAERDLCLSKFVHKSFVEVNEEGTEAAAASSCFVVAEC CMESGPRFC</p>

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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](#)

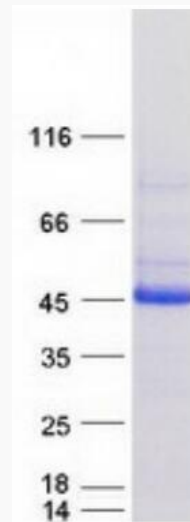
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MIM 601799

UniProt ID P50453



Coomassie blue staining of purified SERPINB9 protein.

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