

Product datasheet for TP300645M

SERPINB9 (NM_004155) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serpin peptidase inhibitor, clade B (ovalbumin), member 9 (SERPINB9), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200645 protein sequence Red=Cloning site Green=Tags(s)

METLSNASGTFAIRLLKILCQDNPSHNVFCSPVSISSALAMVLLGAKGNTATQMAQALSINTEEDIHRAF
QSLLEVNKAGTQYLLRTANRLFGEKTCQFLSTFKESCLQFYHAELKELSFIRAAEESRKHINTWVSKKT
EGKIEELLPGSSIDAETRLVLVNAIFYKGWNEPFDETYTREMPFKINQEEQRPVQMMYQEATFKLAHVG
EVRAQLELLEPYARKELSLVLLPDDGVELSTVEKSLTFEKLTAWTKPDCMKSTEVEVLLPKFKLQEDYDM
ESVLRHLGIVDAFQQGKADLSAMSAERDLCLSKFVHKSFVEVNEEGTEAAAASSCFVAECCMESGPRFC
ADHPFLFFIRHNRANSILFCGRFSSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

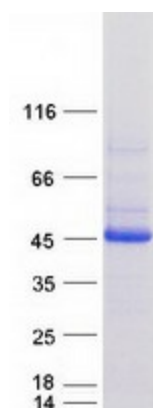
Tag:	C-Myc/DDK
Predicted MW:	42.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004146



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Locus ID:	5272
UniProt ID:	P50453 , A0A024QZT4
RefSeq Size:	4167
Cytogenetics:	6p25.2
RefSeq ORF:	1128
Synonyms:	CAP-3; CAP3; PI-9; PI9
Summary:	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. [provided by RefSeq, Mar 2012]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified SERPINB9 protein (Cat# [TP300645]). The protein was produced from HEK293T cells transfected with SERPINB9 cDNA clone (Cat# [RC200645]) using MegaTran 2.0 (Cat# [TT210002]).