

Product datasheet for **TP300645L**

SERPINB9 (NM_004155) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human serpin peptidase inhibitor, clade B (ovalbumin), member 9 (SERPINB9), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC200645 protein sequence Red =Cloning site Green =Tags(s) |

METLSNASGTFAIRLLKILCQDNPSHNVFCSPVSISSALAMVLLGAKGNTATQMAQALSINTEEDIHRAF
QSLLEVNKAGTQYLLRTANRLFGEKTCQFLSTFKESCLQFYHAELKELSFIRAAEESRKHINTWVSKKT
EGKIEELLPGSSIDAETRLVLVNAIFYKGWNEPFDETYTREMPPKINQEEQRPVQMMYQEATFKLAHVG
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: | <u>NP_004146</u> |



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Locus ID: 5272

UniProt ID: [P50453](#), [A0A024QZT4](#)

RefSeq Size: 4167

Cytogenetics: 6p25.2

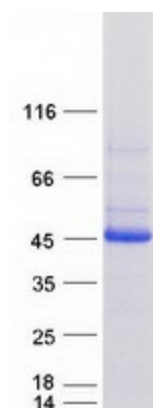
RefSeq ORF: 1128

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]).