

Product datasheet for **TP305135M**

SERPINB8 (NM_001031848) 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 8 (SERPINB8), transcript variant 3, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC205135 protein sequence Red =Cloning site Green =Tags(s) |
| | MDDLCEANGTFAISLFKILGEEDNSRNVFFSPMSISSALAMVFMGAKGSTAAQMSQALCLYKDGDIHRGF QSLLEVNRTGTQYLLRTANRLFGEKTCDFLPDFKEYCQKFYQAELEELSFAEDTEEKRKHINDWVAEKT EGKISEVLDAGTVDPLTKLVLVNAIYFKGKWNEQFDRKYTRGMLFKTNEEKKTQMMFKEAKFKMGYADE VHTQVLELPYVEEELSMVILLPDDNTDLAVKE |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 27.5 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_001027018 |
| Locus ID: | 5271 |



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UniProt ID: [P50452](#), [Q8N178](#)
RefSeq Size: 1409
Cytogenetics: 18q22.1
RefSeq ORF: 726
Synonyms: C18orf53; CAP2; PI-8; PI8; PSS5

Summary: The protein encoded by this gene is a member of the ov-serpin family of serine protease inhibitors. The encoded protein is produced by platelets and can bind to and inhibit the function of furin, a serine protease involved in platelet functions. In addition, this protein has been found to enhance the mechanical stability of cell-cell adhesion in the skin, and defects in this gene have been associated with an autosomal-recessive form of exfoliative ichthyosis. [provided by RefSeq, Jan 2017]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified SERPINB8 protein (Cat# [TP305135]). The protein was produced from HEK293T cells transfected with SERPINB8 cDNA clone (Cat# [RC205135]) using MegaTran 2.0 (Cat# [TT210002]).