

Product datasheet for **TP305135**

SERPINB8 (NM_001031848) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serpin peptidase inhibitor, clade B (ovalbumin), member 8 (SERPINB8), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205135 protein sequence Red =Cloning site Green =Tags(s)
	<p>MDDLCEANGTFAISLFKILGEEDNSRNVFFSPMSISSALAMVFMGAKGSTAAQMSQALCLYKDGDIHRGF QSLLEVNRTGTQYLLRTANRLFGEKTCDFLPDFKEYCQKFYQAELEELSFAEDTEECRKHINDWVAEKT EGKISEVLDAGTVDPLTKLVLVNAIYFKGKWNEQFDRKYTRGMLFKTNEEKKTVMFMFKEAKFKMGYADE VHTQVLELPYVEEELSMVILLPDDNTDLAVKE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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:	<u>NP_001027018</u>
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]).