

Product datasheet for TP305135

OriGene Technologies, Inc.

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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 >RC205135 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MDDLCEANGTFAISLFKILGEEDNSRNVFFSPMSISSALAMVFMGAKGSTAAQMSQALCLYKDGDIHRGF QSLLSEVNRTGTQYLLRTANRLFGEKTCDFLPDFKEYCQKFYQAELEELSFAEDTEECRKHINDWVAEKT EGKISEVLDAGTVDPLTKLVLVNAIYFKGKWNEQFDRKYTRGMLFKTNEEKKTVQMMFKEAKFKMGYADE

VHTQVLELPYVEEELSMVILLPDDNTDLAVKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 27.5 kDa

Concentration: $>0.05 \mu g/\mu L$ 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



SERPINB8 (NM_001031848) Human Recombinant Protein - TP305135

UniProt ID: <u>P50452</u>, <u>Q8N178</u>

RefSeq Size: 1409 Cytogenetics: 18q22.1 RefSeq ORF: 726

Synonyms: C18orf53; CAP2; PI-8; PIS5

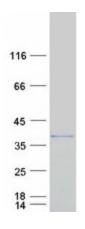
Summary: The protein encoded by this gene is a member of the ov-serpin family of serine protease

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]).