

Product datasheet for **TP304642L**

SERPINA10 (NM_016186) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10 (SERPINA10), transcript variant 1, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC204642 representing NM_016186
Red=Cloning site **Green**=Tags(s)

MKVVPSLLLSVLLAQVWLVPLGLAPSPQSPETPAPQNQTSRVVQAPKEEEEDEQEASEEKASEEEKAWLMA
SRQQLAKETSNFGFSLLRKISMHRDGNMVFSPFGMSLAMTGLMLGATGPTETQIKRGLHLQALKPTKPG
LPSLFKGLRETLRNLELGLTQGSFAFIHKDFDVKETFFNLSKRYFDTECVPMNFRNASQAKRLMNHYIN
KETRGKIPKLFDEINPETKLILVDYILFKGKWLTPFPDPVFTEVDTFHLDKYKTIKVPMMYGAGKFASTFD
KNFRCHVLKLPYQGNATMLVLMMEKMGDHLALEDYLTDLVETWLRNMKTRNMEVFFPKFKLDQKYEMHE
LLRQMGIRRIFFSPFADLSELSATGRNLQVSRVLQRTVIEVDERGTEAVAGILSEITAYSMPPVIKVDPRP
HFMIYEETSGMLLFLGRVNPPLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 50.5 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.



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RefSeq: [NP_057270](#)

Locus ID: 51156

UniProt ID: [Q9UK55](#), [A0A024R6I6](#)

RefSeq Size: 2466

Cytogenetics: 14q32.13

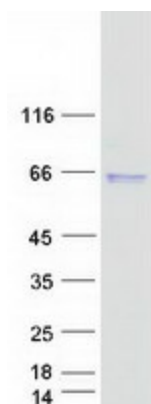
RefSeq ORF: 1332

Synonyms: PZI; ZPI

Summary: The protein encoded by this gene belongs to the serpin family. It is predominantly expressed in the liver and secreted in plasma. It inhibits the activity of coagulation factors Xa and XIa in the presence of protein Z, calcium and phospholipid. Mutations in this gene are associated with venous thrombosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, May 2010]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified SERPINA10 protein (Cat# [TP304642]). The protein was produced from HEK293T cells transfected with SERPINA10 cDNA clone (Cat# [RC204642]) using MegaTran 2.0 (Cat# [TT210002]).