

## Product datasheet for TP304642

### 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, 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC204642 representing NM\_016186  
**Red**=Cloning site **Green**=Tags(s)

MKVVPSLLLSVLLAQVWLVPLGLAPSPQSPETPAPQNQTSRVVQAPKEEEDEQEASEEKASEEEKAWLMA  
SRQQLAKETSNFGFSLLRKISMHRDGNMVFSPFGMSLAMTGLMLGATGPTETQIKRGLHLQALKPTKPG  
LPSLFKGLRETLRNLELGLTQGSFAFIHKDFDVKETFFNLSKRYFDTECVPMNFRNASQAKRLMNHYIN  
KETRGKIPKLFDEINPETKLILVDYILFKGKWLTPFPDPVFTEVDTFHLDKYKTIKVPMMYGAGKFASTFD  
KNFRCHVLKLPYQGNATMLVLMMEKMGDHLALEDYLTDLVETWLRNMKTRNMEVFFPKFKLDQKYEMHE  
LLRQMGIRRIFFSPFADLSELSATGRNLQVSRVLQRTVIEVDERGTEAVAGILSEITAYSMPPVIVKDRPF  
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

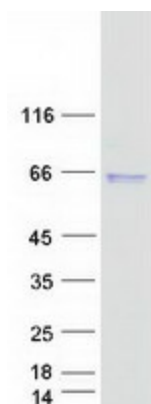
RefSeq ORF: 1332

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]).