

Product datasheet for TP306435M

Alpha 2 Antiplasmin (SERPINF2) (NM_000934) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2 (SERPINF2), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC206435 protein sequence
Red=Cloning site Green=Tags(s)

MVLLWGLLVLSWSCSQGPCSVFSPVSAMEPLGRQLTSGPNQEQVSPLTLLKLGNOEPGGQTALKSPPGVC
SRDPTPEQTHRLARAMMAFTADLFSVAQTSTCPNLILSPLSVALALSHLALGAQNHTLQRLQQVLHAGS
GpclPHLLSRLCQDLGPGAFRLAARMYLQKGFPIKEDFLEQSEQLFGAKPVSLTGKQEDDLANINQWVKE
ATEGKIQEFLSGLPEDTVLLLLNAIHFGQFWRNKFDPSTQRDSFHLDEQFTVPVEMMQARTYPLRWFL
EQPEIQVAHFPPKNNMSFVVLVPTHFEWNVSVLANLSWDTLHPPLVWERPTKVRLPKLYLKHQMDLVAT
LSQLGLQELFQAPDLRGISEQSLVSGVQHQSTLESEVGVAAAATSIAMSRMSLSSFSVNRPFLLFFIF
EDTTGLPLFVGSVRNPNPSAPRELKEQQDSPGNKDFLQSLKGFPRGDKLFGPDLKLVPPMEEDYPQFGSP
K

TRTRPLEQKLISEEDLAANDILDYKDDDDDKV

Tag: C-Myc/DDK

Predicted MW: 51.7 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.

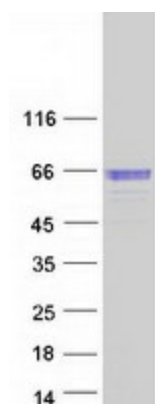
Storage: Store at -80°C.



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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_000925
Locus ID:	5345
UniProt ID:	P08697
RefSeq Size:	2284
Cytogenetics:	17p13.3
RefSeq ORF:	1473
Synonyms:	A2AP; AAP; ALPHA-2-PI; alpha2AP; API; PLI
Summary:	This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in this gene result in alpha-2-plasmin inhibitor deficiency, which is characterized by severe hemorrhagic diathesis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Complement and coagulation cascades

Product images:



Coomassie blue staining of purified SERPINF2 protein (Cat# [TP306435]). The protein was produced from HEK293T cells transfected with SERPINF2 cDNA clone (Cat# [RC206435]) using MegaTran 2.0 (Cat# [TT210002]).