

Recombinant Human SERPINF2 protein, MYC/DDK-tagged

Cat. No. SERPINF2-15H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINF2, transcript variant 3, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	45 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	SERPINF2 serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment
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epithelium derived factor), member 2 [Homo sapiens]

Official Symbol

[SERPINF2](#)

Synonyms

SERPINF2; serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2; PLI, serine (or cysteine) proteinase inhibitor, clade F (alpha 2 antiplasmin, pigment epithelium derived factor), member 2; alpha-2-antiplasmin; A2AP; AAP; alpha 2 antiplasmin; ALPHA 2 PI; alpha 2 plasmin inhibitor; API; serpin F2; alpha-2-AP; alpha-2-plasmin inhibitor; serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2; PLI; ALPHA-2-PI;

Gene ID

[5345](#)

mRNA Refseq

[NM_001165921](#)

Protein Refseq

[NP_001159393](#)

MIM

[613168](#)

UniProt ID

[P08697](#)

Chromosome Location

17pter-p12

Pathway

Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem;

Function

endopeptidase inhibitor activity; eukaryotic cell surface binding; protease binding;

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protein binding; protein homodimerization activity; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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