

Recombinant Human SERPINF1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SERPINF1-2968H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SERPINF1 MS Standard C13 and N15-labeled recombinant protein (NP_002606) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the serpin family that does not display the serine protease inhibitory activity shown by many of the other serpin proteins. The encoded protein is secreted and strongly inhibits angiogenesis. In addition, this protein is a neurotrophic factor involved in neuronal differentiation in retinoblastoma cells. Mutations in this gene were found in individuals with osteogenesis imperfecta, type VI.
Molecular Mass	46.4 kDa
AA Sequence	MQALVLLLCIGALLGHSSCQNPASPPEEGSPDPDSTGALVEEEDPFFKVPVNKLA VSNFGYDLYRVRSSMSPTTNVLLSPLSVATALSALS LGAEQRTESIHRALYYDLISS DIHGTYKELLDTVTARQKNLKSASRIVFEKKLRIKSSFVAPLEKSYGTRPRVLTGNPR LDLQEINNWWQAQMKGKLARSTKEIPDEISILLGVAHFKGQWVTKFDSRKTSLED FY LDEERTVRVPMMSDPKAVLRYGLDSDLCKIAQLPLTGSM SIIFFLPLKVTQNLTLIEE SLTSEFIHDIDRELKTVQAVLTPVKLKS YEGEVTKSLQEMKLQSLFDSPDFSKITGKP IKLTQVEHRAGFEWNEDGAGTTPSPGLQPAHLTFPLDYHLNQPFIFVLRD TDTGALL

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

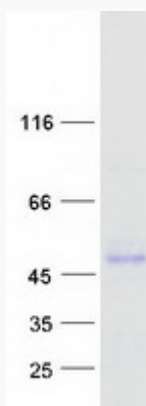
GENE INFORMATION

Gene Name	SERPINF1 serpin family F member 1 [Homo sapiens (human)]
Official Symbol	SERPINF1
Synonyms	SERPINF1; serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1; PEDF, serine (or cysteine) proteinase inhibitor, clade F (alpha 2 antiplasmin, pigment epithelium derived factor), member 1; pigment epithelium-derived factor; EPC 1; PIG35; pigment epithelium derived factor; proliferation inducing protein 35; serpin F1; cell proliferation-inducing gene 35 protein; serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1; OI6; OI12; PEDF; EPC-1;
Gene ID	5176
mRNA Refseq	NM_002615

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Protein Refseq NP_002606**MIM** 172860**UniProt ID** P36955**SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA