

Recombinant Full Length Human SERPINF1 Protein, C-Flag-tagged

Cat. No. SERPINF1-2149HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SERPINF1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46.1 kDa
AA Sequence	MQALVLLLCIGALLGHSSCQNPASPPEEGSPDPDSTGALVEEEDPFFKVPVNKLA VSNFGYDLYRVRS SMSPTTNVLLSPLSVATALSALS LGAEQRTESIHRALYYDLIS PDIHGTYKELLDTVTARQKNLKSAS RIVFEKKLRIKSSFVAPLEKSYGTRPRVLTGNP RLDLQEINNWWQAQMKGKLARSTKEIPDEISILLGV AHFKGQWVTKFDSRKTSLED FYLDEERTVRVPMMSDPKAVLRYGLDSDLCKIAQLPLTGSMISIFFLPL KVTQNLTLI EESLTSEFIHDIDRELKTVQAVLTVPKLKLSYEGEVTKSLQEMKLQSLFDSPDFSKITG

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	KP IKLTQVEHRAGFEWNEDGAGTTPSPGLQPAHLTFPLDYHLNQPFIFVLRDSTDG ALLFIGKILDPRGP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	SERPINF1 serpin family F member 1 [Homo sapiens (human)]
Official Symbol	SERPINF1
Synonyms	OI6; OI12; PEDF; EPC-1; PIG35
Gene ID	5176
mRNA Refseq	NM_002615.7

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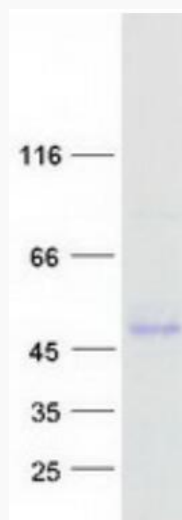
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Protein Refseq NP_002606.3

MIM 172860

UniProt ID P36955



Coomassie blue staining of purified SERPINF1 protein.

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