

SERPINF1 (Human) Recombinant Protein

Catalog # P9022

Size 20 ug

Specification

Product Description	Human SERPINF1 (P36955, 20 a.a. - 418 a.a.) partial-length recombinant protein with His tag at N-Terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMQNPASPPEEGSPDPDSTGALVEEEDPFFKVPVNKLAAAVSN FGYDLYRVRSSMSPTTNVLLSPLSVATALSALS LGAEQRTEIIHRALYYDLISSPDHGT YKELLDTV TAPQKNLKSASRMFEKKLRKSSSFVAPLEKSYGTRPRVLTGNPRDLQEIINWVQAQMKGKLARS TKEIPDEISILLGVAHFKGQWTKFDSRKTSLDFYLDEERTVRVPMMSDPKAVLRYGLDSDLSC KIAQLPLTGSMIIFFLPLKVTQNLTLIEESLTSEFIHDIDRELKTVQAVLTVPKLKLSYEGEVT KSLQE MKLQSLFDSPDFSKITGKPIKLTQVEHRAGFEWNEDGAGTTPSPGLQPAHLTFPLDYHLNQPFIFV LRD TD TGALLFIGKILDPRGP.
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	46.7
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS PAGE
Storage Buffer	20mM Tris-HCl buffer(pH 8.0), 0.1M NaCl , and 20% glycerol.
Storage Instruction	Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Applications

- SDS-PAGE

Gene Info — SERPINF1

Entrez GeneID

[5176](#)

Protein Accession#	P36955
Gene Name	SERPINF1
Gene Alias	EPC-1, PEDF, PIG35
Gene Description	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1
Omim ID	172860
Gene Ontology	Hyperlink
Gene Summary	The PEDF gene is a member of the serpin gene family. Serpins are a group of serine protease inhibitors, some of which have also been reported to exhibit neurotrophic activity.[supplied by OMIM]
Other Designations	pigment epithelium-derived factor proliferation-inducing protein 35 serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1

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