

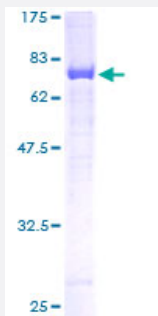
Full-Length

SERPINF1 (Human) Recombinant Protein (P01)

Catalog # H00005176-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SERPINF1 full-length ORF (AAH00522.1, 17 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

SSCQNPASPPEEGSPDPDSTGALVEEEDPFFKVPVNKLAAAVSNFGYDLYRVRSSSTSPTTNVL
SPLSVATALSALSGLAEQRTESIHRALYYDLISSPDHGTYKELLDVTAPQKNLKSASRVFEKKLRI
KSSFVAPLEKSYGTRPRVLTGNPRLDLQEINNWWQAQMKGKLARSTKEIPDEISILLGVAHFKGQ
WVTKFDSRKTSLEDFYLDEERTVRVPMMSDPKAVLRYGLSDLSCKIAQLPLTGSMSSIFFLPLKV
TQNLTLIEESLTSEFIHDIDRELKTVQAVLTPVKLKLSEGEVTKSLQEMKLQSLFDSPDFSKITGKPI
KLTQVEHRAGFEWNEDGAGTTPSPGLQPAHLTFPLDYHLNQPFIFVLRD TDTGALLFIGKILDPRG
P

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

69.85

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SERPINF1

Entrez GeneID	5176
GeneBank Accession#	BC000522
Protein Accession#	AAH00522.1
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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