

Active Recombinant Full Length Human SERPINF1, His-tagged

Cat. No. SERPINF1-378H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINF1 (Accession # AAK92491) Met1-Pro418, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	1-418 a.a.
Predicted N Terminal	Gln20 is predicted: no results obtained, sequencing might be blocked
Form	Lyophilized from a 0.2 µm filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to enhance the adhesion of Saos-2 human osteosarcoma cells to bovine Collagen I coated plate. Eth, E.K. et al. (2007) Cancer Gene Therapy. 14:616. The ED50 for this effect is typically 0.15-0.75 µg/mL.
Molecular Mass	Recombinant Human SERPINF1, His-tagged has a calculated MW of 45 kDa. In SDS-PAGE migrates as 45-53 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 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

GENE INFORMATION

Gene Name	SERPINF1 serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1 [Homo sapiens]
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
Protein Refseq	NP_002606
MIM	172860
UniProt ID	P36955
Chromosome Location	17p13.3

 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