

Recombinant Mouse Serpinf1 Protein, Myc/DDK-tagged

Cat. No. Serpinf1-5792M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length serine (or cysteine) peptidase inhibitor, clade F, member 1 (Serpinf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Neurotrophic protein; induces extensive neuronal differentiation in retinoblastoma cells. Potent inhibitor of angiogenesis. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.
Molecular Mass	46.2 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Serpinf1 serine (or cysteine) peptidase inhibitor, clade F, member 1 [Mus musculus (house mouse)]
Official Symbol	Serpinf1
Synonyms	SERPINF1; serine (or cysteine) peptidase inhibitor, clade F, member 1; pigment epithelium-derived factor; SDF-3; caspin; serpin F1; serpin-F1; alpha-2 antiplasmin; stromal cell derived factor 3; stromal cell-derived factor 3; pigment epithelium derived factor; serine (or cysteine) proteinase inhibitor, clade F, member 1; serine (or cysteine) proteinase inhibitor, clade F), member 1; serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1; Pedf; Sdf3; EPC-1; Pedfl; AI195227
Gene ID	20317
mRNA Refseq	NM_011340
Protein Refseq	NP_035470
UniProt ID	P97298

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