Recombinant Mouse Serpinf1 protein(Met1-Thr417), His-tagged

Cat. No. Serpinf1-858M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SerpinF1 (NP_035470.3)(Met 1-Thr 417) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-417 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized mouse SERPINF1-His at 10 μg/ml (100 μl/well) can bind biotinylated human GST-CSNK2A1 with a linear range of 0.31-2.5 μg/ml.
Molecular Mass	The secreted recombinant mouse SerpinF1consists of 409 amino acids and has a calculated molecular mass of 45.8 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 60-65 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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

Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Serpinf1 serine (or cysteine) peptidase inhibitor, clade F, member 1 [Mus musculus]
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

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