Recombinant Rat Serpinf1 protein, His & SUMO-tagged

Cat. No. Serpinf1-1652R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Serpinf1 aa. (Gln20~Thr418 (Accession # Q80ZA3)) fused with N-terminal His & SUMO tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln20~Thr418
Description	Mouse homolog is a proteinase inhibitor involved in vascularization.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 58.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

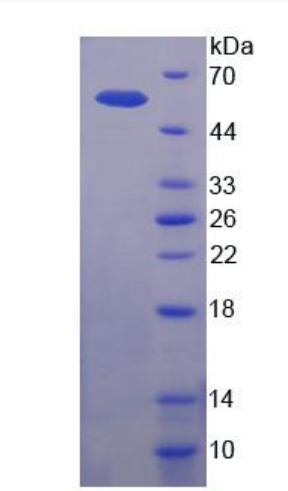
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.
Isoelectric Point	6

GENE INFORMATION

Gene Name	Serpinf1 serpin family F member 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Serpinf1
Synonyms	Serpinf1; serpin family F member 1; Pedf; Dmrs91; pigment epithelium-derived factor; alpha-2 antiplasmin; serine (or cysteine) peptidase inhibitor, clade F, member 1; serine (or cysteine) proteinase inhibitor, clade F), member 1; serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1; sserpin family F member 1
Gene ID	287526
mRNA Refseq	NM_177927.2
Protein Refseq	NP_808788.1
UniProt ID	Q80ZA3

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SDS-PAGE	 15% SDS-PAGE

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