

Recombinant Mouse Serpine1 protein, His-SUMO-tagged

Cat. No. Serpine1-3483M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Serpine1 protein(P22777)(23-402aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	23-402aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	58.9 kDa
AA Sequence	TLPLRESHTAHQATDFGVKVFQQVVQASKDRNVVFSPIYGVSSVLAMLQMTTAGKT RRQIQDAMGFKVNEKGTAAHALRQLSKELMGPWNKNEISTADAIFVQRDLELVQGF PHFFKLFQTMVKQVDFSEVERARFIINDWVERHTKGMINDLLAKGAVDELTRLVLVN ALYFSGQWKTPFLEASTHQRLFHKSDGSTVSPMMAQSNKFNYTEFTTPDGLYDV VELPYQRDTLSMFIAAPFEKDVHLSALTNILDAELIRQWKGNMTRLPRLLILPKFSLET EVDLRGPLEKLGMPDMFSATLADFTSLSDQEQLSVAQALQKVRIEVNESGTVASSST AFVISARMAPTEMVIDRSFLFVVRHNPTETILFMGQVMEP
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [Serpine1 serine \(or cysteine\) peptidase inhibitor, clade E, member 1 \[Mus musculus \]](#)

Official Symbol [Serpine1](#)

Synonyms SERPINE1; serine (or cysteine) peptidase inhibitor, clade E, member 1; plasminogen activator inhibitor 1; PAI; serpin E1; plasminogen activator inhibitor, type I; endothelial plasminogen activator inhibitor; nexin, plasminogen activator inhibitor type 1; serine (or cysteine) proteinase inhibitor, clade E, member 1; Plasminogen activator inhibitor-1 precursor (PAI-1) (Endothelial plasminogen activator inhibitor) (PAI); PAI1; PAI-1; Planh1;

Gene ID [18787](#)

mRNA Refseq [NM_008871](#)

Protein Refseq [NP_032897](#)

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