

Recombinant Rat Serpine1 protein, His-SUMO-tagged

Cat. No. Serpine1-3484R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Serpine1 protein(P20961)(24-402aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	24-402aa
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	58.6 kDa
AA Sequence	SPLPESHTAQQATNFGVKVFQHVVQASKDRNVVFSYGVSSVLAMLQLTTAGKTRQ QIQDAMGFNISERGTAPALRKLSKELMGSWNKNEISTADAIFVQRDLELVQGFMPHF FKLFRTTVKQVDFSEVERARFIINDWVERHTKGMISDLLAKGAVNELTRLVLVNALYF NGQWKTPFLEASTHQRLFHKSDGSTISVPMMAQNNKFNYTEFTTPDGHEYDILELP YHGETLSMFIAAPFEKDVPLSAITNILDALIRQWKSNMTRLPRLLILPKFSLETEVDLR GPLEKLGMTDIFSSTQADFTSLSDQEQLSVAQALQKVKIEVNESGTVASSSTAILVSA RMAPTEMVLDRSFLFVVRHNPTEILFMGQLMEP
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 serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1 [<i>Rattus norvegicus</i>]
Official Symbol	Serpine1
Synonyms	SERPINE1; serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1; plasminogen activator inhibitor 1; PAI; PAI-1; serpin E1; endothelial plasminogen activator inhibitor; serine (or cysteine) proteinase inhibitor, member 1; serine (or cysteine) peptidase inhibitor, clade E, member 1; serine (or cysteine) proteinase inhibitor, clade E, member 1; serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1; Pai1; PAI1A; Planh; Pai1aa; RATPAI1A;
Gene ID	24617
mRNA Refseq	NM_012620
Protein Refseq	NP_036752