

## Recombinant Rat Serpine1 protein, His-SUMO-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Serpine1 protein(P20961)(24-402aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	24-402aa
<b>Form</b>	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.
<b>Molecular Mass</b>	58.6 kDa
<b>AA Sequence</b>	SPLPESHTAQQATNFGVKVFQHVVQASKDRNVVFSYGVSSVLAMLQLTTAGKTRQ QIQDAMGFNISERGTAPALRKLSKELMGSWNKNEISTADAIFVQRDLELVQGFMPHF FKLFRRTTVKQVDFSEVERARFIINDWVERHTKGMISDLLAKGAVNELTRLVLVNALYF NGQWKTPFLEASTHQRLFHKSDGSTISVPMMAQNNKFNYTEFTTPDGHEYDILELP YHGETLSMFIAAPFEKDVPLSAITNILDAELIRQWKSNMTRLPRLILPKFSLETEVDLR GPLEKLGMTDIFSSTQADFTSLSDQEQLSVAQALQKVKIEVNESGTVASSSTAILVSA RMAPTEMVLDRSFLFVVRHNPTETILFMGQLMEP
<b>Purity</b>	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 [ *Rattus norvegicus* ]

**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](#)

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