

Recombinant Rat Serpine1 protein, His & T7-tagged

Cat. No. Serpine1-2753R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Serpine1 aa. (Ser24~Pro402 (Accession # P20961)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser24~Pro402
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 46.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
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.

 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	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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

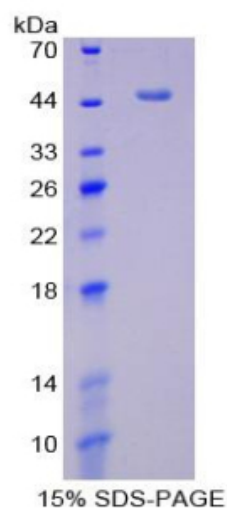
Gene Name	Serpine1 serpin family E member 1 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Serpine1
Synonyms	Pai1; PAI1A; Planh; Pai1aa; RATPAI1A; PAI; PAI-1; endothelial plasminogen activator inhibitor; serine (or cysteine) peptidase inhibitor, clade E, member 1; serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1; serine (or cysteine) proteinase inhibitor, clade E, member 1; serine (or cysteine) proteinase inhibitor, member 1 serpin E1; serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1; plasminogen activator inhibitor 1
Gene ID	24617
mRNA Refseq	NM_012620.1
Protein Refseq	NP_036752.1
UniProt ID	P20961

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SDS-PAGE



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