

Recombinant Rat Serpinb1a protein, His & T7-tagged

Cat. No. Serpinb1a-8006R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Serpinb1a aa. (His17~Glu332 (Accession # Q4G075)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	His17~Glu332
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.3.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

 Tel: 1-631-559-9269 1-516-512-3133

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

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

Serpinb1a serpin family B member 1A [*Rattus norvegicus* (Norway rat)]

Official Symbol

Serpinb1a

Synonyms

Serpinb1a; serpin family B member 1A; Serpinb1; leukocyte elastase inhibitor A; serine (or cysteine) proteinase inhibitor, clade B, member 1a; serine protease inhibitor EIA; serpin B1a

Gene ID

291091

mRNA Refseq

NM_001031642.1

Protein Refseq

NP_001026812.1

UniProt ID

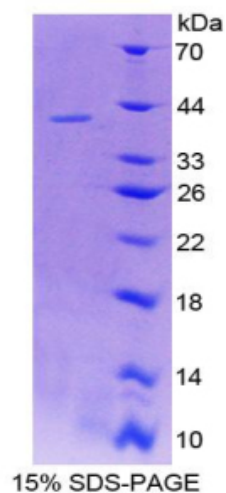
Q4G075

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SDS-PAGE



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