

## Recombinant Rat Serpinb1a protein, His & T7-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Serpinb1a aa. (His17~Glu332 (Accession # Q4G075)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	His17~Glu332
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 40.5kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 7.3.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	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

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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**

[Serp1b1a serpin family B member 1A \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Serp1b1a](#)

**Synonyms**

Serp1b1a; serpin family B member 1A; Serpin1; 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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