

## Recombinant Rat Serpina12 protein, His-tagged

**Cat. No.** Serpina12-693R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Serpina12 aa. (Asn52~Arg143 (Accession # Q8R4Z1)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn52~Arg143
<b>Description</b>	Human homolog is a serine protease inhibitor.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	13kDa as determined by SDS-PAGE reducing conditions
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.7.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	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,

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and no obvious degradation and precipitation were observed. The loss rate 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**

[Serpina12 serpin family A member 12 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Serpina12](#)

**Synonyms**

Serpina12; serpin family A member 12; OI64; OI-64; serpin A12; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12; serine (or cysteine) peptidase inhibitor, clade A, member 12; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12; serpin peptidase inhibitor, clade A, member 12; vaspin; visceral adipose tissue-derived serine protease inhibitor; visceral adipose tissue-derived serpin; visceral adipose-specific serpin

**Gene ID**

[191570](#)

**mRNA Refseq**

[NM\\_138825.2](#)

**Protein Refseq**

[NP\\_620180.2](#)

**UniProt ID**

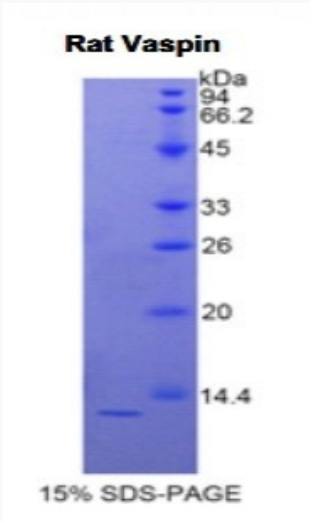
[Q8R4Z1](#)

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**SDS-PAGE**



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