Recombinant Rat Serpina12 protein, His-tagged

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

SPECIFICATION

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

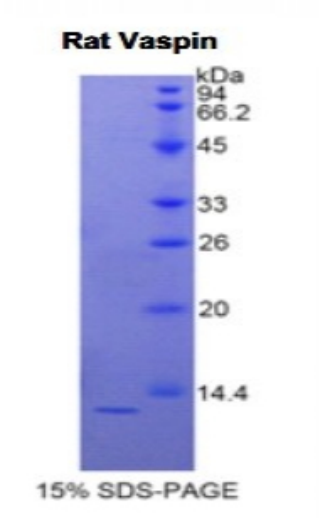
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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; Ol64; Ol-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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