

Recombinant Mouse Serpina12 protein, His-tagged

Cat. No. Serpina12-692M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Serpina12 aa. (Asn71~Gln148 (Accession # Q7TMF5)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asn71~Gln148
Form	Freeze-dried powder
Molecular Mass	12kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
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.

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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 serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Serpina12
Synonyms	Serpina12; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12; 4632419J12Rik; serpin A12; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12; vaspin; visceral adipose tissue-derived serine protease inhibitor; visceral adipose-specific SERPIN
Gene ID	68054
mRNA Refseq	NM_026535.2
Protein Refseq	NP_080811.1
UniProt ID	Q7TMF5

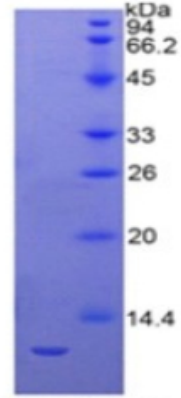
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SDS-PAGE

Mouse Vaspin



15% SDS-PAGE

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