

## Recombinant Mouse Serpina1a, His-tagged

Cat. No. Serpina1a-3309M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Alpha-1-antitrypsin 1-1 (Serpina1a)
<b>Species</b>	Mouse
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	413
<b>Form</b>	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
<b>Purity</b>	>90%
<b>Notes</b>	Small volumes of Serpina1a recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
<b>Storage</b>	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
<b>Storage Buffer</b>	PBS pH 7.4, 50% glycerol
<b>Warning</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION**

<b>Gene Name</b>	Serpina1a serine (or cysteine) peptidase inhibitor, clade A, member 1A [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Serpina1
<b>Synonyms</b>	PI1; Aat2; Dom1; Aat-2; Spi1-1; Spi1-3; AAT; serpin A1a; alpha-1-antitrypsin 2; alpha-1-antiproteinase; alpha-1 protease inhibitor 1; serine protease inhibitor 1-1
<b>Gene ID</b>	20700
<b>mRNA Refseq</b>	NM_001252569
<b>Protein Refseq</b>	NP_001239498
<b>UniProt ID</b>	P07758
<b>Chromosome Location</b>	12 E; 12 52.98 cM
<b>Pathway</b>	Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem
<b>Function</b>	endopeptidase inhibitor activity; peptidase inhibitor activity

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