

Recombinant Mouse Serpini1 protein, Tag Free

Cat. No. Serpini1-5518M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Serpini1 is produced as a fusion protein with a proprietary purification tag. The tag is removed by TEV cleavage after purification.
Species	Mouse
Source	Insect Cells
Description	Serpini1 is associated with Familial encephalopathy with neuroserpin inclusion bodies. Serine protease inhibitors of the serpin superfamily are involved in many cellular processes. Serpini1 was first identified as a protein secreted from the axons of dorsal root ganglion neurons. It is expressed in the late stages of neurogenesis during the process of synapse formation.
Form	Frozen liquid in 0.05M Sodium Phosphate Buffer + 0.3M NaCl, pH 7.4.
Molecular Weight	49 kDa
Concentration	1.0 mg/ml
Purity	>95% by SDS-PAGE analysis
Endotoxin Level	< 0.1 ng/g of protein
Storage	Store at -80°C. Stable for 3 years from delivery. Avoid repeated freeze-thaw cycles.

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OfficialSymbol Serpini1

GENE INFORMATION

Gene Name [Serpini1 serine \(or cysteine\)peptidase inhibitor, clade I, member 1 \[Mus musculus \]](#)

Synonyms Serpini1; serine (orcysteine) peptidase inhibitor, clade I, member 1; Ns; PI12; PI-12; Spi17;AI837402; neuroserpin; serpin I1; OTTMUSP00000024524; protease inhibitor 17;peptidase inhibitor 12; serine protease inhibitor 17

Gene ID [20713](#)

mRNA Refseq [NM_009250](#)

Protein Refseq [NP_033276](#)

UniProt ID O35684

Chromosome Location 3 E3; 3

Function peptidase inhibitoractivity; serine-type endopeptidase inhibitor activity

PDB rendering basedon 1jjo.

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