

## Recombinant Full Length Mouse Serpini1 protein(Met1-Leu410), His-tagged

**Cat. No.** Serpini1-2485M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse SERPINI1 (O35684) (Met 1-Leu 410) was expressed in HEK293, with a C-terminal polyhistidine tag.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu410
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The secreted recombinant mouse SERPINI1 comprises 405 amino acids and has a calculated molecular mass of 46 kDa. The apparent molecular mass of rmSERPINI1 is approximately 45-50 kDa in SDS-PAGE under reducing conditions as a result of glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

<b>Gene Name</b>	Serpini1 serine (or cysteine) peptidase inhibitor, clade I, member 1 [ Mus musculus ]
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<b>Official Symbol</b>	Serpini1
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**Synonyms**

SERPINI1; serine (or cysteine) peptidase inhibitor, clade I, member 1; neuroserpin; serpin I1; protease inhibitor 17; peptidase inhibitor 12; serine protease inhibitor 17; Ns; PI12; PI-12; Spi17; AI837402;


<b>Gene ID</b>	20713
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<b>mRNA Refseq</b>	NM_009250
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<b>Protein Refseq</b>	NP_033276
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