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

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

SPECIFICATION

Product Overview	Recombinant Mouse SERPINI1 (O35684) (Met 1-Leu 410) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Leu410
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	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.

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

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

Gene Name	Serpini1 serine (or cysteine) peptidase inhibitor, clade I, member 1 [Mus musculus]
Official Symbol	Serpini1
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;
Gene ID	20713
mRNA Refseq	NM_009250
Protein Refseq	NP_033276

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