

Recombinant Mouse Serpinb6b Protein, His-tagged

Cat. No. Serpinb6b-864M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse SERPINB6B (NP_035584.1) (Met 1-Pro 377) was expressed, with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	Insect Cells
Protein Length	1-377 a.a.
Predicted N Terminal	Met 1
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 7.0, 10% gly1, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse SERPINB6B consists of 387 amino acids and has a calculated molecular mass of 44 kDa. It migrates as an approximately 43 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>92 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

Serpinb6b serine (or cysteine) peptidase inhibitor, clade B, member 6b [Mus musculus (house mouse)]

Official Symbol

Serpinb6b

Synonyms

NK13; Spi12; ovalbumin; serine protease inhibitor 12

Gene ID

20708

mRNA Refseq

NM_011454

Protein Refseq

NP_035584

MIM
UniProt ID
Chromosome Location

13 A3.3; 13 13.78 cM

Pathway

Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem

Function

serine-type endopeptidase inhibitor activity

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