

Recombinant Mouse SerpinB12 protein(Met1-Pro423), His-tagged

Cat. No. SerpinB12-3081M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SERPINB12 (NP_082247.1) (Met 1-Pro 423) was expressed in Insect Cells, with a C-terminal polyhistidine tag.
Species	Mouse
Source	Insect Cells
ProteinLength	1-423 a.a.
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse SERPINB12 consists of 434 amino acids and has a calculated molecular mass of 49.3 kDa. The apparent molecular mass of the protein is approximately 58 kDa 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
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.

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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**Gene Name**

Serpinb12 serine (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 12 [*Mus musculus*]

Official Symbol

SerpinB12

Synonyms

SERPINB12; serine (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 12; serpin B12; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 12; 2300003F07Rik; 4833409F13Rik;

Gene ID

71869

mRNA Refseq

NM_001199213

Protein Refseq

NP_001186142

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