

Recombinant Mouse Serpina3c protein(Met1-Ala417), His-tagged

Cat. No. Serpina3c-2308M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SERPINA3C (NP_032484.1)(Met 1-Ala 417) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala417
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 SERPINA3C comprises 406 amino acids with a predicted molecular mass of 46 kDa. As a result of diiferent glycosylation, the apparent molecular mass of rm SERPINA3C is approximately 50-60 kDa and 110 kDa in SDS-PAGE under reducing conditions.
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.

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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

Serpina3c serine (or cysteine) peptidase inhibitor, clade A, member 3C [*Mus musculus*]

Official Symbol

[Serpina3c](#)

Synonyms

SERPINA3C; serine (or cysteine) peptidase inhibitor, clade A, member 3C; serine protease inhibitor A3C; KBP; serpin A3C; alpha-1 antiproteinase; kallikrein binding protein; kallikrein-binding protein; serine (or cysteine) proteinase inhibitor, clade A, member 3C; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3C; 1A1; spi2; Kalbp; Klkbp; MGC144822;

Gene ID

[16625](#)

mRNA Refseq

[NM_008458](#)

Protein Refseq

[NP_032484](#)

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