

Recombinant Mouse Serpina10 protein, His-tagged

Cat. No. Serpina10-4023M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Serpina10 protein(Q8R121-1)(Met1-Leu448), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Leu448
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant mouse SERPINA10 comprises 438 amino acids with a predicted molecular mass of 51 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 60-80 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

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be 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

Serpina10 serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10 [*Mus musculus*]

Official Symbol

Serpina10

Synonyms

SERPINA10; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10; protein Z-dependent protease inhibitor; serpin A10; PZ-dependent protease inhibitor; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10; PZI; ZPI; MGC25863;

Gene ID

217847

mRNA Refseq

NM_144834

Protein Refseq

NP_659083

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