

Recombinant Mouse Serpina11 protein(Met1-Gly424), His-tagged

Cat. No. Serpina11-2307M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SERPINA11 isoform 1 (NP_955018.2) (Met 1-Gly 424) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-424 a.a.
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 SERPINA11 comprises 414 amino acids and has a predicted molecular mass of 46.2 kDa. As a result of glycosylation, the apparent molecular mass of rm SERPINA11 is approximately 60-65 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 94 % 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 Serpina11 serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 11 [*Mus musculus*]

Official Symbol Serpina11

Synonyms SERPINA11; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 11; serpin A11; serine (or cysteine) proteinase inhibitor, clade A, member 11; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 11; Gm895; MGC37881;

Gene ID 380780

mRNA Refseq NM_001166350

Protein Refseq NP_001159822

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