

Recombinant Mouse Spint2 protein, His-tagged

Cat. No. Spint2-318M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Spint2 protein(NP_001076017.1)(Met1-Lys140), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys140
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 SPINT2 consists of 122 amino acids and has a calculated molecular mass of 14 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 22 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % 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 Spint2 serine protease inhibitor, Kunitz type 2 [*Mus musculus*]

Official Symbol Spint2

Synonyms

SPINT2; serine protease inhibitor, Kunitz type 2; kunitz-type protease inhibitor 2; hepatocyte growth factor activator inhibitor type 2; HAI-2; C76321; AL024025;

Gene ID 20733

mRNA Refseq NM_001082548

Protein Refseq NP_001076017

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