

Active Recombinant Mouse Spint2, His-tagged

Cat. No. Spint2-671M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Spint2 (Accession # NP_001076017) Arg30-Lys140, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	30-140 a.a.
Predicted N Terminal	Arg30
Form	Lyophilized from a 0.2 µm filtered solution in MES and NaCl.
Bio-activity	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH ₂ . The IC ₅₀ value is <2 nM, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Spint2, His-tagged has a calculated MW of 14 kDa. In SDS-PAGE migrates as 23 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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

MIM

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