

Active Recombinant Mouse Spint1 Protein, His-tagged

Cat. No. Spint1-706M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Spint1 (Accession # NP_058603) Glu30-Glu443, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Glu30-Glu443
Predicted N Terminal	Glu30
Form	Lyophilized from a 0.2 µ filtered solution in Tris, NaCl and CaCl ₂ .
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 <1.5 nM, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Spint1, His-tagged has a calculated MW of 48 kDa. In SDS-PAGE migrates as 60 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).

 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

GENE INFORMATION

Gene Name	Spint1 serine protease inhibitor, Kunitz type 1 [Mus musculus]
Official Symbol	Spint1
Synonyms	SPINT1; serine protease inhibitor, Kunitz type 1; kunitz-type protease inhibitor 1; hepatocyte growth factor activator inhibitor type 1; HAI-1;
Gene ID	20732
mRNA Refseq	NM_016907
Protein Refseq	NP_058603
MIM	

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