

Recombinant Mouse Srm Protein, Myc/DDK-tagged

Cat. No. Srm-6127M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length spermidine synthase (Srm), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the production of spermidine from putrescine and decarboxylated S-adenosylmethionine (dcSAM). Has a strong preference for putrescine as substrate, and has very low activity towards 1,3-diaminopropane. Has extremely low activity towards spermidine.
Molecular Mass	34.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Srm spermidine synthase [Mus musculus (house mouse)]
Official Symbol	Srm
Synonyms	SRM; spermidine synthase; putrescine aminopropyltransferase; SpdST; SpdSy; AA407669
Gene ID	20810
mRNA Refseq	NM_009272
Protein Refseq	NP_033298
UniProt ID	Q64674

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