

Recombinant Mouse Sms Protein, Myc/DDK-tagged

Cat. No. Sms-5979M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length spermine synthase (Sms), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the production of spermine from spermidine and decarboxylated S-adenosylmethionine (dcSAM). Required for normal viability, growth and fertility.
Molecular Mass	41.3 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.

GENE INFORMATION

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Gene Name	Sms spermine synthase [Mus musculus (house mouse)]
Official Symbol	Sms
Synonyms	SMS; spermine synthase; spermidine aminopropyltransferase; Gy; gyro; SPMSY; SpmST; AI427066
Gene ID	20603
mRNA Refseq	NM_009214
Protein Refseq	NP_033240
UniProt ID	P97355

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