

Recombinant Mouse Sat2 Protein, Myc/DDK-tagged

Cat. No. Sat2-5695M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length spermidine/spermine N1-acetyl transferase 2 (Sat2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the N-acetylation of the amino acid thialysine (S-(2-aminoethyl)-L-cysteine), a L-lysine analog with the 4-methylene group substituted with a sulfur. May also catalyze acetylation of polyamines, such as norspermidine, spermidine or spermine. However, ability to acetylate polyamines is weak, suggesting that it does not act as a diamine acetyltransferase in vivo.
Molecular Mass	19.3 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.

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GENE INFORMATION

Gene Name	Sat2 spermidine/spermine N1-acetyl transferase 2 [Mus musculus (house mouse)]
Official Symbol	Sat2
Synonyms	SAT2; spermidine/spermine N1-acetyl transferase 2; diamine acetyltransferase 2; polyamine N-acetyltransferase 2; spermidine/spermine N(1)-acetyltransferase 2; SSAT2; SSAT-2; 2610016A03Rik; MGC74376
Gene ID	69215
mRNA Refseq	NM_026991
Protein Refseq	NP_081267
UniProt ID	Q6P8J2

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