

## Recombinant Mouse Sat2 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length spermidine/spermine N1-acetyl transferase 2 (Sat2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	19.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	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 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA