

Recombinant Mouse Trmt6 Protein, Myc/DDK-tagged

Cat. No. Trmt6-6668M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tRNA methyltransferase 6 (Trmt6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Substrate-binding subunit of tRNA (adenine-N1-)-methyltransferase, which catalyzes the formation of N1-methyladenine at position 58 (m1A58) in initiator methionyl-tRNA. Together with the TRMT61A catalytic subunit, part of a mRNA N1-methyltransferase complex that mediates methylation of adenosine residues at the N1 position of a small subset of mRNAs: N1 methylation takes place in tRNA T-loop-like structures of mRNAs and is only present at low stoichiometries.
Molecular Mass	55.5 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Trmt6 tRNA methyltransferase 6 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Trmt6](#)

Synonyms

TRMT6; tRNA methyltransferase 6 homolog (S. cerevisiae); tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6; tRNA(m1A58)MTase subunit TRM6; tRNA(m1A58)-methyltransferase subunit TRM6; tRNA (adenine-N(1))-methyltransferase non-catalytic subunit TRM6; CGI-09; AU016412; AW492787; mKIAA1153; RP23-77H16.2; 3300001M20Rik

Gene ID [66926](#)

mRNA Refseq [NM_175113](#)

Protein Refseq [NP_780322](#)

UniProt ID [Q8CE96](#)

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