

Recombinant Human TRMT6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRMT6-6368H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TRMT6 MS Standard C13 and N15-labeled recombinant protein (NP_057023) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the tRNA methyltransferase 6 protein family. A similar protein in yeast is part of a two component methyltransferase, which is involved in the posttranslational modification that produces the modified nucleoside 1-methyladenosine in tRNAs. Modified 1-methyladenosine influences initiator methionine stability and may be involved in the replication of human immunodeficiency virus type 1. Alternative splicing results in multiple transcript variants.
Molecular Mass	55.8 kDa
AA Sequence	MEGSGEQPGPQPQHPGDHRIRDGDFVVLKREDVFKAVQVQRRKKVTFEKQWFYLDNVIGHSYGTAFEVTSGGSLQPKKKREEPTAETKEAGTDNRNIVDDGKSQKLTQDDIKALKDKGIKGEEIVQQLIENSTTFRDKTEFAQDKYIKKKKKKYEAITVVKPSTRILSIMYYAREPGKINHMRYDTLAQMLTLGNIRAGNKMIVMETCAGLVLGAMMERMGGFGSIIQLYPGGGPVRAATACFGFPKSFLSGLYEFPLNKVDSLLHGTFSAKMLSSEPKDSALVEESNGTLEEKQASEQENEDSMAEAPESNHPEDQETMETISQDPEHKGPKERGSKK

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DYIQEKQRRQEEQRKRHLEAAALLSERNADGLIVASRFHPTPLLLSLLDFVAPSRPFV
VYCQYKEPLLECYTKLRERGGVINLRLSETWLRNYQVLPDRSHPKLLMSGGGGYLL
SGFTVAMDNLKADTSLKSNASTLESHETEEPAAKKRKCPESDSTRTRPLEQKLISEE
DLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TRMT6 tRNA methyltransferase 6 [Homo sapiens (human)]

Official Symbol TRMT6

Synonyms TRMT6; tRNA methyltransferase 6 homolog (S. cerevisiae); tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6; CGI 09; GCD10; Gcd10p; MGC5029; tRNA(m1A58)MTase subunit TRM6; tRNA(m1A58)-methyltransferase subunit TRM6; tRNA (adenine-N(1)-)-methyltransferase non-catalytic subunit TRM6; CGI-09;

Gene ID 51605

mRNA Refseq NM_015939

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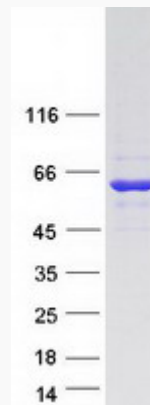
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Protein Refseq NP_057023

UniProt ID Q9UJA5

SDS-PAGE



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