

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

Cat. No. RNMT-1054H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RNMT MS Standard C13 and N15-labeled recombinant protein (NP_003790) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	RNMT (RNA Guanine-7 Methyltransferase) is a Protein Coding gene. Diseases associated with RNMT include Bowen-Conradi Syndrome and Microphthalmia, Isolated 6. Among its related pathways are HIV Transcription Elongation and Gene Expression. Gene Ontology (GO) annotations related to this gene include RNA binding and mRNA (guanine-N7-)-methyltransferase activity.
Molecular Mass	54.8 kDa
AA Sequence	MANSAKAEYEKMSLEQAKASVNSETESSFNINENTTASGTGLSEKTSVCRQVDIAR KRKEFEDDLVKESSSCGKDTPSKKRKLDPEIVPEEKDCGDAEGNSKKRKRETEDVP KDKSSTGDGTQNKRKIALEDVPEKQKNLEEGHSSTVAAHYNELQEVGLEKRSQSRI FYLRNFNWVKSVLIGEFLEKVRQKKKR DITVLDLGC GKGGDLLKWKKGRINKLVCT DIADVSVKQCQQR YEDMKNRRDSEYIFSAEFITADSSKELLIDKFRDPQMCFDICSC QFVCHYSFESYEQADMMLRNACERLSPGGYFIGTTPNSFELIRRL EASETESFGNEI YTVKFQKKG DYPLFGCKYDFNLEGVVDVPEFLVYFPLL NEMAKKYNMMLVYKKT FLE FYEEKIKNNENKMLLKRMQALEPYPANESSKLVSEKVDDYEHA AKYMKNSQVRLPL

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GTLSKSEWEATSIYLVFAFEKQQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 RNMT RNA guanine-7 methyltransferase [Homo sapiens (human)]

Official Symbol RNMT

Synonyms RNMT; RNA (guanine-7-) methyltransferase; mRNA cap guanine-N7 methyltransferase; RG7MT1; hMet; hCMT1; hcm1p; mRNA cap methyltransferase; mRNA (guanine-7-)methyltransferase; mRNA (guanine-N(7)-)-methyltransferase; MET; hCMT1c; KIAA0398; DKFZp686H1252;

Gene ID 8731

mRNA Refseq NM_003799

Protein Refseq NP_003790

MIM 603514

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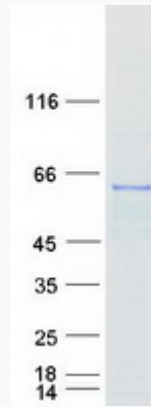
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UniProt ID

O43148

SDS-PAGE



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