

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	MANSAKAE EYEKMSLEQAKASVNSETESSFNINENTTASGTGLSEKTSVCRQVDIAR KRKEFEDDLVKESSSCGKDTPSKKRKLDPEIVPEEKDCGDAEGNSKKRKRETEDVP KDKSSTGDGTQNKRKIALEDVPEKQKNLEEGHSSTVAAHYNELQEVGLEKRSQSRI FYLRNFNWNMKSVLIGEFLEKVRQKKKRDITVLDLGC GKGGDLLKWKKGRIKLVCT DIADVSVKQCQQR YEDMKNRRDSEYIFSAEFITADSSKELLIDKFRDPQMCFDICSC QFVCHYSFESYEQADMMLRNACERLSPGGYFIGTTPNSFELIRLEASETESFGNEI YTVKFQKKGDYPLFGCKYDFNLEGVVDVPEFLVYFPLLNEMAKKYNMKLVYKKTFL FYEEKIKNNENKMLLKRMQALEPYPANESSKLVSEKVDDYEHAAYMKNSQVRLPL

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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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UniProt ID

O43148

SDS-PAGE

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