

Recombinant Human RNMT protein, His-tagged

Cat. No. RNMT-3531H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNMT protein(128-476 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	128-476 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	KIALEDVPEKQKNLEEGHSSTVAAHYNELQEVGLEKRSQSRIFYLRNFNNWMKSVLI GEFLEKVRQKKKRDITVLDLGCCKGGDLLKWKGRINKLVCTDIADVSVKQCQQR YEDMKNRRDSEYIFSAEFITADSSKELLIDKFRDPQMCFDICSCQFVCHYSFESYEQA DMMLRNACERLSPGGYFIGTTPNSFELIRRLEASETESFGNEIYTVKFQKKGDYPLF GCKYDFNLEGVVDVPEFLVYFPLLNEMAKKYNMMLVYKKTFLFYEEKIKNNENKML LKRMQALEPYPANESSKLVSSEKVDDEHAAKYMKNQVRLPLGTLSEWEATSIY LVFAFEKQQ
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

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

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

UniProt ID O43148

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