

Recombinant Human RNMT protein, GST-tagged

Cat. No. RNMT-2351H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNMT protein(128-476 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	128-476 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	KIALEDVPEKQKNLEEGHSSTVAAHYNELQEVGLEKRSQSRIFYLRNFNNWMKSVLI GEFLEKVRQKKKRITVLDLGCGKGGDLLKWKGRINKLVCTDIADVSVKQCQQR EDMKNRRDSEYIFSAEFITADSSKELLIDKFRDPQMCDFICSCQFVCHYSFESYEQA DMMLRNACERLSPGGYFIGTTPNSFELIRRLEASETESFGNEIYTVKFQKKGDYPLF GCKYDFNLEGVVDVPEFLVYFPLLNEMAKKYNMMLVYKKTFFLEFYEEKIKNNENKML LKRMQALEPYPANESSKLVSEKVVDDYEHAAYMKNSQVRLPLGLTSLKSEWEATSIY LVFAFEKQQ
Purity	95%, by SDS-PAGE.

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Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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;

mRNA Refseq [NM_003799](#)

Protein Refseq [NP_003790](#)

MIM [603514](#)

UniProt ID [O43148](#)

Gene ID [8731](#)

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SDS-PAGE



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