

Full-Length

RNMT (Human) Recombinant Protein (P01)

Catalog # H00008731-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RNMT full-length ORF (AAH36798, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MANSKAEYEEKMSLEQAKASVNSETESSFNINENTTASGTGLSEKTSVCRQVDIARKRKEFED
DLVKESSSCGKDTPSKKRKLDPEMPEEKDCGDAEGNSKKRKRETDVPKDKSSTGDGTQNK
KIALEDVPEKQKNLEEGHSSTVAAHYNELQEVGLEKRSQSRIFYLRNFNWWMKSVLIGEFLEKVR
QKKKRDITVLDLGCCKGGDLLKWKKGRIKLVCTDIADSVKQCQQRVEDMKNRRDSEYIFSAEFI
TADSSKELLIDKFRDPQMCFDICSCQFVCHYSFESYEQADMMLRNACERLSPGGYFIGTTPNSFE
LIRLEASETESFGNEITYVKFQKKGDYPLFGCKYDFNLEGVVDVPEFLVYFPLLNEMAKKYNMKL
VYKKTFLFYEEKIKNNENKMLLKRMQALEPYPANESSKLVSEKVDDEYHAAKYMKNQVRLPLG
TLKSEWEATSMVFAFEKQQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.10

Interspecies Antigen Sequence

Mouse (77); Rat (77)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RNMT

Entrez GeneID	8731
GeneBank Accession#	BC036798
Protein Accession#	AAH36798
Gene Name	RNMT
Gene Alias	DKFZp686H1252, KIAA0398, MET, RG7MT1, hCMT1c
Gene Description	RNA (guanine-7-) methyltransferase
Omim ID	603514
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000162509 mRNA (guanine-7-)methyltransferase

Disease

- [Spinal Dysraphism](#)
- [Tobacco Use Disorder](#)