

RPPB2253

Product Information Protein Information

Product SKU:

RPPB2253

Accession:

O43148

Host:

Escherichia Coli.

Protein description:

RNMT produced in E.Coli is a single, non-glycosylated polypeptide chain containing 496 amino acids (1-476 a.a.) and having a molecular mass of 57kDa. RNMT is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

mRNA cap guanine-N7 methyltransferase, RG7MT1, mRNA (guanine-N(7)-)-methyltransferase, mRNA cap methyltransferase, hCMT1, hMet, hcm1p, RNMT, KIAA0398, MET, RG7MT1, hCMT1c, DKFZp686H1252.

Formulation:

RNMT solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) 2mM DTT, 20% glycerol and 100mM NaCl.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

RNMT Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MANSKAEY EKMSLEQAKA SVNSETSSF NINENTTASG TGLSEKTSVC
RQVDIARKRK EFEDDLVKES SSCGKDTPSK KRKLDPEIVP EEKDCGDAEG NSKRRKRETE DVPKDKSSTG
DGTQNKRKIA LEDVPEKQKN LEEGHSSTVA AHYNELQEVG LEKRSQSRIF YLRNFNNWMK SVLIGEFLEK
VRQKKKRDIT VLDLGCCKGG DLLKWKKGRI NKLVTCTDIAD VSVKQCQQRV EDMKNRRDSE YIFSAEFITA
DSSKELLIDK FRDPQMCFDI CSCQFVCHYS FESYEQADMM LRNACERLSP GGYFIGTTPN SFELIRRLEA
SETESFGNEI YTVKFQKKGD YPLFGCKYDF NLEGVVDVPE FLVYFLLNE MAKKYNMMLV YKKTFFLEFYE
EKIKNNENKM LLKRMQALEP YPANESSKLV SEKVDYDEHA AKYMKNSQVR LPLGTLKSE WEATSIYLVF
AFEKQQ.