



Recombinant Human mRNA cap guanine-N7 methyltransferase (RNMT)

Product Code	CSB-MP019902HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43148
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MANSKAEY EKMSLEQAKA SVNSETESSF NINENTTASG TGLSEKTSVC RQVDIARKRK EFEDDLVKES SSCGKDTPSK KRKLDPEIVP EEKDCGDAEG NSKKRRETE DVPKDKSSTG DGTQNKRIA LEDVPEKQKN LEEGHSSTVA AHYNELQEVG LEKRSQSRIF YLRNFNWWMK SVLIGEFLEK VRQKKKRDIT VLDLGCGKGG DLLKWKKGRI NKLVTCTDIAD VSVKQCQQRV EDMKNRRDSE YIFSAEFITA DSSKELLIDK FRDPQMCFDI CSCQFVCHYS FESYEQADMM LRNACERLSP GGYFIGTTPN SFELIRRLEA SETESFGNEI YTVKFQKKGD YPLFGCKYDF NLEGVVDVPE FLVYFPLLNE MAKKYNMMLV YKKTFLFYE EKIKNNENKM LLKRMQALEP YPANESSKLV SEKVDDYEHA AKYMKNSQVR LPLGTLKSE WEATSIYLVF AFEKQQ
Source	Mammalian cell
Target Names	RNMT
Protein Names	Recommended name: mRNA cap guanine-N7 methyltransferase EC= 2.1.1.56 Alternative name(s): RG7MT1 mRNA (guanine-N(7)-)-methyltransferase mRNA cap methyltransferase Short name= hCMT1 Short name= hMet Short name= h
Expression Region	1-476
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.