

Datasheet for ABIN7279447
RNMT Protein (AA 1-476) (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	RNMT
Protein Characteristics:	AA 1-476
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNMT protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	RNMT, 1-476aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	RNMT
Alternative Name:	RNMT (RNMT Products)
Background:	<p>RNMT (mRNA cap guanine-N7 methyltransferase), also known as MET, RG7MT1 or hCMT1c, is a widely expressed nuclear protein that belongs to the mRNA cap methyltransferase family. Cap-dependent mRNA translation requires the methylation of the mRNA guanosine cap by RNMT. RNMT catalyzes the transfer of a methyl group from AdoMet (S-adenosylmethionine) to the GpppN end of the growing mRNA at the N-7 position, thereby producing AdoHyc (S-</p>

Target Details

adenosylhomocysteine) and m7GpppN terminated RNA. Recombinant human RNMT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: mRNA cap guanine-N7 methyltransferase, MET, RG7MT1, DKFZp686H1252, EC 2.1.1.56, hcm1p, hCMT1, HCMT1a, hCMT1c, hMet, hypothetical protein KIAA0396, KIAA0398, MET, mRNA (guanine 7)methyltransferase, mRNA (guanine N(7)) methyltransferase, mRNA cap methyltransferase, OTTHUMP00000162509, RNA guanine 7 methyltransferase, RNA guanine-7-methyltransferase, RNMT. NCBI no.: NP_003790

Molecular Weight: 57.0kDa (496aa)

Application Details

Restrictions: For Research Use only

Handling

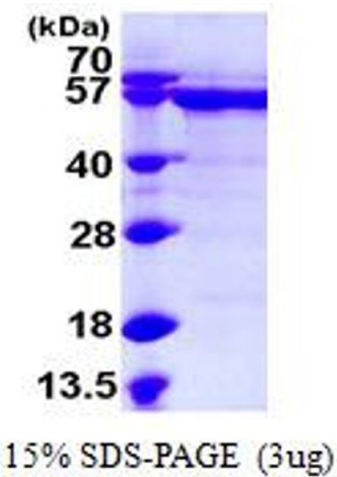
Format: Liquid

Concentration: 0.5mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 100mM NaCl

Storage: 4 °C

Images



SDS-PAGE
Image 1.