

Datasheet for ABIN7596414

METTL11A Protein (AA 1-223) (His tag)



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Overview

Quantity:	100 µg
Target:	METTL11A
Protein Characteristics:	AA 1-223
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This METTL11A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MTSEV IEDEKQFYSK AKTYWKQIPP TVDGMGGYG HISSIDINSS RKFLQRFLRE GPNKTGTSCA LDCGAGIGRI TKRLLPLFR EVDMVDITED FLVQAKTYLG EEGKVRNYF CCGLQDFTPE PDSYDVIWIQ WVIGHLTDQH LAEFLRRCKG SLRPNGIIVI KDNMAQEGVI LDDVDSSVCR DLDVVRRIC SAGLSLLAEE RQENLPDEIY HVYSFALR
Purity:	> 95% by SDS-PAGE

Target Details

Target:	METTL11A
Alternative Name:	METTL11A (METTL11A Products)
Background:	NTMT1 also known as N-terminal Xaa-Pro-Lys N-methyltransferase1 isoform a. NTMT1 is catalyzes the transfer of the methyl group from the S-adenosyl-L-methionine to the protein

Target Details

alpha-amine, resulting in formation of S-adenosyl-L-homocysteine and alpha-N-methylated proteins. NTMT1 is an interesting potential anticancer target because it is overexpressed in gastrointestinal cancers and plays an important role in cell mitosis. Recombinant human NTMT1, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Molecular Weight: 28.1 kDa (248aa)

NCBI Accession: [NP_054783](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.