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Recombinant human METTL11A protein

Catalog Number: ATGP3259

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-223aa

UniProt No.

09BV86

NCBI Accession No.

NP 054783.2

Alternative Names

AD-003, C9orf32, HOMT1A, METTL11A, NRMT, NTM1A, NTMT1

PRODUCT SPECIFICATION

Molecular Weight

28.1 kDa (248aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

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

BACKGROUND

Description

NTMT1 also known as N-terminal Xaa-Pro-Lys N-methyltrasferase1 isoform a. NTMT1 is catalyzes the transfer of the methyl group from the S-adenosyl-l-methionine to the protein 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.



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Amino acid Sequence

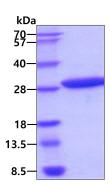
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General References

Petkowski JJ., et al. (2013) Biochem J. 456(3): 453-462. Richardson SL., et al. (2015) J Biol Chem. 290(18):11601-10.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

