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# Recombinant human METTL21A protein

Catalog Number: ATGP2163

## **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

93-218aa

#### UniProt No.

O8WXB1

#### **NCBI Accession No.**

NP 660323

#### **Alternative Names**

Methyltransferase-like protein 21A, FAM119A, HCA557b

# PRODUCT SPECIFICATION

#### **Molecular Weight**

17 kDa (149aa) confirmed by MALDI-TOF

#### Concentration

0.25mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol

#### **Purity**

> 85% 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**

METTL21A belongs to the methyltransferase superfamily and is probable methyltransferase. Recombinant human METTL21A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

## **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MGSTDRKVAL EFLKSNVQAN LPPHIQTKTV VKELTWGQNL GSFSPGEFDL ILGADIIYLE ETFTDLLOTL EHLCSNHSVI LLACRIRYER DNNFLAMLER OFTVRKVHYD PEKDVHIYEA QKRNQKEDL



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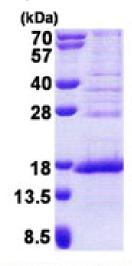
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#### **General References**

Kagaya A, Shimada H, et al. (2011). Proteome Sci. 9(1):31.

# **DATA**

# **SDS-PAGE**



15% SDS-PAGE (3ug)

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

