

Recombinant human N6AMT1 protein

Catalog Number: ATGP2871

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-214aa

UniProt No.

Q9Y5N5

NCBI Accession No.

NP_037372

Alternative Names

HemK methyltransferase family member 2, HemK methyltransferase family member 2, C21orf127, HEMK2, MTQ2, N6AMT, PRED28

PRODUCT SPECIFICATION

Molecular Weight

25.3 kDa (237aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT

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

N6AMT1 is a member of methyltransferase family, may be involved in the methylation of release factor I during translation termination. This protein is also involved in converting the arsenic metabolite monomethylarsonous acid to the less toxic dimethylarsonic acid. Alternate splicing results in multiple transcript variants. Recombinant human N6AMT1 protein, 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

<MGSSHHHHHH SSGLVPRGSH MGS>MAGENFA TPFHGHVGRG AFSDVYEPAE DTFLLNLALE AAAAELAGVE
ICLEVGSVGSV VVSAFLASMI GPQALYMCTD INPEAAACTL ETARCNKVHI QPVITDLVKG LLPRLTEKVD LLVFNPPYVV
TPPQEVGSHG IEAAWAGGRN GREVMDFRFFP LVPDLLSPRG LFYLVTIKEN NPEEILKIMK TKGLQGTTAL SRQAGQETLS
VLKFTKS

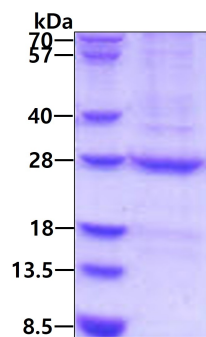
General References

Figaro S., et al. (2008) FEBS Lett. 582:2352-2356

Ren X., et al. (2011) Environ. Health Perspect. 119:771-777

DATA

SDS-PAGE



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