

Product information

N6AMT1, 1-214aa

Human, His-tagged, Recombinant, *E.coli*

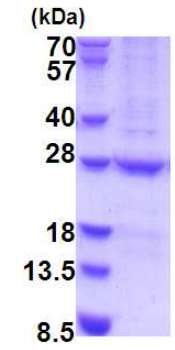
Cat. No. IBATGP2871

Full name: HemK methyltransferase family member 2

NCBI Accession No.: NP_037372

Synonyms: C21orf127, HEMK2, MTQ2, N6AMT, PRED28

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 N6ATM1 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

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| <p>Form: Liquid, In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT</p> <p>Molecular Weight: 25.3 kDa (237aa) confirmed by MALDI-TOF</p> <p>Purity: > 85 % by SDS - PAGE</p> <p>Concentration: 0.25 mg/ml (determined by Bradford assay)</p> |  |
| <p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MGSMA GENFA TPFHGHVGRG AFSDVYEPAE DTFLLLNALE AAAAELAGVE ICLEVGSGSG VVSAFLASMI GPQALYMCTD INPEAACTL ETARCNK VHI QPVI TDLVKG LLPRLTEKVD LLVFNPYPYVW TPPQEVGSHG IEAAWAGGRN GREVMDRFFP LVPDLLSPRG LFYLVTIKEN NPEEILKIMK TKGLQGTTAL SRQAGQETLS VLKFTKS</p> | |

General references:

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

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

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.