

**N6AMT1, 1-214aa Human, His tag, E.coli**

**Cat.NO.: TP03076**

3th Edition

**Synonyms:**HemK methyltransferase family member 2, 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 N6AMT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid, In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

**Molecular Weight:**25.3 kDa (237aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMAGENFATPFHGHVGRGAFSDVYEP AEDTFLLLNALEAAAAELAGVEICLEV  
GSGSGVVSAFLASMIGPQALYMCTDINPEAACTLETARCNKVHIQPVITDLVKGLLPRLTEKVDLLVFNPPYVVTTP  
QEVGSHGIEAAWAGGRNGREVMDFRFFPLVPDLLSPRGLFYLVTIKENNPEEILKIMKTKGLQGTTALSRQAGQETLS  
VLKFTKS

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.