

## 32-2575: N6AMT1 Recombinant Protein

**Alternative Name :** N-6 Adenine-Specific DNA Methyltransferase 1 (Putative),N(6)-Adenine-Specific DNA Methyltransferase 1,HemK Methyltransferase Family Member 2,M.HsaHemK2P,C21orf127, HEMK2,Chromosome 21 Open Reading Frame 127,N6-DNA-Methyltransferase,EC 2.1.1.-

### Description

Source : E.coli. N6AMT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 237 amino acids (1-214 a.a) and having a molecular mass of 25.3kDa. N6AMT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. N-6 Adenine-Specific DNA Methyltransferase 1, also known as N6AMT1 is part of the methyltransferase family. N6AMT1 is implicated in the methylation of release factor I during translation termination. In addition, N6AMT1 is involved in converting the arsenic metabolite monomethylarsonous acid to the less toxic dimethylarsonic acid.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** N6AMT1 protein solution (0.25 mg/ml) containing Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMAGENFA TPFHGHVGRG AFSDVYEPAE DTFLLLNALE  
AAAAELAGVEICLEVGS GSG VVSAFLASMI GPQALYMCTD INPEAACTL ETARCNKVHI QPVITDLVKG  
LLPRLTEKVDLLVFNPPYV TPPQEVGSHG IEAAWAGGRN GREVMDFRFFPLVPDLLSPRG LFYLVTIKEN  
NPEEILKIMK TKGLQGTTAL SRQAGQETLSVLKFTKS.

