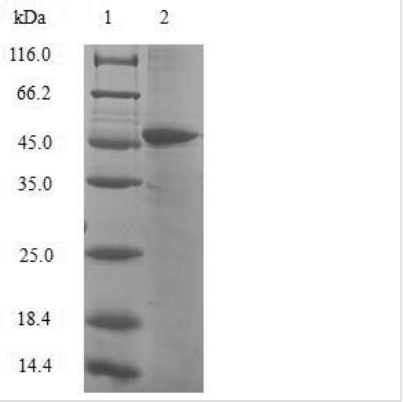
Recombinant Human HemK methyltransferase family member 2 (N6AMT1)

Product Code	CSB-EP010286HU
Relevance	Heterodimeric methyltransferase that catalyzes N5-methylation of ETF1 on 'Gln-185', using S-adenosyl L-methionine as methyl donor. ETF1 needs to be complexed to ERF3 in its GTP-bound form to be efficiently methylated. May play a role in the modulation of arsenic-induced toxicity. May be involved in the conversion of monomethylarsonous acid (3+) into the less toxic dimethylarsonic acid.
Abbreviation	Recombinant Human N6AMT1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y5N5
Alias	M.HsaHemK2P N(6)-adenine-specific DNA methyltransferase 1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAGENFATPFHGHVGRGAFSDVYEPAEDTFLLLNALEAAAAELAGVEICLEVG SGSGVVSAFLASMIGPQALYMCTDINPEAAACTLETARCNKVHIQPVITDLVGS HGIEAAWAGGKNGREVMDRFFPLVPDLLSPKGLFYLVTIKENNPEEILKIMKTK GLQGTTALSRQAGQETLSVLKFTKS
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	N6AMT1
Protein Names	Recommended name: HemK methyltransferase family member 2 EC= 2.1.1.- Alternative name(s): M.HsaHemK2P N(6)-adenine-specific DNA methyltransferase 1
Expression Region	1-186aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	46.8kDa
Protein Length	Full Length of Isoform 2
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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