

N6AMT2 recombinant protein

N6AMT2, Active

CATALOG # AAA73037	HOST Sf9 insect cells using baculovirus	APPLICATIONS Methyltransferase Assay
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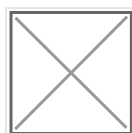
PRODUCT SYNONYMS

N6AMT2; Active; N6AMT2 recombinant protein

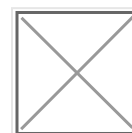
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Sequence Positions	Full length
Sequence Length	932
Applicable Applications for N6AMT2 recombinant protein	Methyltransferase Assay
Species	Human
Tag	HIS tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for N6AMT2 recombinant protein	Description: Full-length recombinant human N6AMT2 was expressed by baculovirus in Sf9 insect cells using an N-terminal His tag. Scientific Background: N6AMT2 is a putative DNA methyltransferase, belongs to the methyltransferase superfamily, AML1 family. The N6AMT2 gene is conserved in human, mouse, rat, chimpanzee, dog, cow, chicken, zebrafish, fruit fly, mosquito, C.elegans, S.cerevisiae, K.lactis, N.crassa, A.thaliana, and rice (1). The N6AMT2 phosphorylation at Ser-2 has been reported (2). The function of this protein has not been widely studied yet.
Product Categories/Family for N6AMT2 recombinant protein	Enzymes ; Active Methyltransferases
References	1. Albrecht M, et.al: Novel Sm-like proteins with long C-terminal tails and associated methyltransferases. FEBS Lett. 2004 Jul 2;569 (1-3):18-26. 2. Gauci,S. et.al: Lys-N and trypsin cover complementary parts of the phosphoproteome in a refined SCX-based approach. Anal. Chem. 81 (11), 4493-4501 (2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	974576760
NCBI GeneID	221143
NCBI Accession #	NM_174928.2
NCBI GenBank Nucleotide #	NM_174928
UniProt Accession #	Q8WVE0; B5G4V1
Molecular Weight	28 kDa
NCBI Official Full Name	Homo sapiens EEF1A lysine methyltransferase 1 (EEF1AKMT1), transcript variant 1, mRNA
NCBI Official Synonym Full Names	EEF1A lysine methyltransferase 1
NCBI Official Symbol	EEF1AKMT1
NCBI Official Synonym Symbols	ESP13; N6AMT2
NCBI Protein Information	EEF1A lysine methyltransferase 1; protein-lysine N-methyltransferase N6AMT2
UniProt Protein Name	EEF1A lysine methyltransferase 1
UniProt Gene Name	EEF1AKMT1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/eef1akmt1-recombinant-protein-sf9-insect-cells-using-baculovirus-methyltransferase-assay/73037>