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Product datasheet for TP760107

HEMK2 (N6AMT1) (NM_182749) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human N-6 adenine-specific DNA methyltransferase 1 (putative) (N6AMT1), transcript variant 2, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length N6AMT1
Tag:	N-His
Predicted MW:	22.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_877426
Locus ID:	29104
UniProt ID:	Q9Y5N5
RefSeq Size:	926
Cytogenetics:	21q21.3
RefSeq ORF:	558
Synonyms:	C21orf127; HEMK2; KMT9; m.HsaHemK2P; MTQ2; N6AMT; PRED28; PrmC

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Summary: This gene encodes an N(6)-adenine-specific DNA methyltransferase. The encoded enzyme may be involved in the methylation of release factor I during translation termination. This enzyme is also involved in converting the arsenic metabolite monomethylarsonous acid to the less toxic dimethylarsonic acid. Alternative splicing pf this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 11. [provided by RefSeq, Jul 2014]

Protein Families: Druggable Genome

Product images: