

Product datasheet for **AR51691PU-S**

N6AMT1 / HEMK2 (1-214, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	N6AMT1 / HEMK2 (1-214, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAGENFA TPFHGHVGRG AFSDVYEPAE DTFLLLNALE AAAAELAGVE ICLEVGSGSG VVSAFLASMI GPQALYMCTD INPEAAACTL ETARCNKVHI QPVITDLVKG LLPRLTEKVD LLVFNPPYVW TPPQEVGSHG IEAAWAGGRN GREVMDFRFFP LVPDLLSPRG LFYLVTIKEN NPEEILKIMK TKGLQGTAL SRQAGQETLS VLKFTKS
Tag:	His-tag
Predicted MW:	25.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 20% glycerol, 1 mM DTT
Protein Description:	Recombinant human N6ATM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_037372
Locus ID:	29104
UniProt ID:	Q9Y5N5
Cytogenetics:	21q21.3
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 of 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: