

Product datasheet for **AR52009PU-S**

NME4 (33-187, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NME4 (33-187, His-tag) human protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MPSWTRERTL VAVKPDGVQR RLVGDVIQRF ERRGFTLVGM KMLQAPESVL AEHYQDLRRK PFYPALIRYM SSGPVVAMVW EGYNVVRASR AMIGHTDSEAE AAPTGTIRGDF SVHISRNVIH ASDSVEGAQR EIQLWFFQSSE LVSADGGQH SSIHPA
Tag:	His-tag
Predicted MW:	19.6 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.2M NaCl
Bioactivity:	Specific: Specific activity is > 120 units/mg, and is defined as the amount of enzyme that convert 1.0 umole each of ATP and TDP to ADP and TTP per minute at pH 7.5 at 25C in a couple system with PK/LDH.
Preparation:	Liquid purified protein
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_001273362
Locus ID:	4833
UniProt ID:	O00746 , A0A087WVT9
Cytogenetics:	16p13.3
Synonyms:	NDPK-D; nm23-H4; NM23H4



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Summary:

The nucleoside diphosphate (NDP) kinases (EC 2.7.4.6) are ubiquitous enzymes that catalyze transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates. The enzymes are products of the nm23 gene family, which includes NME4 (Milon et al., 1997 [PubMed 9099850]).[supplied by OMIM, May 2008]

Protein Families:

Druggable Genome

Protein Pathways:

Metabolic pathways, Purine metabolism, Pyrimidine metabolism

Product images: