

Product datasheet for AR52009PU-S

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

OriGene Technologies, Inc.

EU: info-de@origene.com CN: techsupport@origene.cn

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 E. coli **Expression Host:**

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MPSWTRERTL VAVKPDGVQR RLVGDVIQRF ERRGFTLVGM or AA Sequence: KMLQAPESVL AEHYQDLRRK PFYPALIRYM SSGPVVAMVW EGYNVVRASR AMIGHTDSAE

AAPGTIRGDF SVHISRNVIH ASDSVEGAQR EIQLWFQSSE LVSWADGGQH 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.

Shelf life: one year from despatch. Stability:

RefSeq: NP 001273362

4833 Locus ID:

UniProt ID: O00746, A0A087WVT9

Cytogenetics: 16p13.3

Synonyms: NDPK-D; nm23-H4; NM23H4





Summary: The nucleoside diphosphate (NDP) kinases (EC 2.7.4.6) are ubiquitous enzymes that catalyze

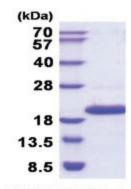
transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates. The enzymes are products of the nm23 gene family, which includes NME4 (Milon et al., 1997 [PubMed 9099850]).[supplied by OMIM, May

2008]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Purine metabolism, Pyrimidine metabolism

Product images:



15% SDS-PAGE (3ug)