

Product datasheet for AR52015PU-S

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OriGene Technologies, Inc.

NME3 (22-169, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: NME3 (22-169, His-tag) human protein, 20 μg

Species: Human E. coli **Expression Host:**

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MERTFLAVKP DGVQRRLVGE IVRRFERKGF KLVALKLVQA or AA Sequence:

SEELLREHYA ELRERPFYGR LVKYMASGPV VAMVWQGLDV VRTSRALIGA TNPADAPPGT

IRGDFCIEVG KNLIHGSDSV ESARREIALW FRADELLCWE DSAGHWLYE

Tag: His-tag Predicted MW: 19.1 kDa Concentration: lot specific

Purity: >95% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 50% glycerol, 0.1M NaCl, 2 mM DTT

Bioactivity: Specific: Specific activity is > 150 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 002504

4832 Locus ID: **UniProt ID:** 013232 Cytogenetics: 16p13.3

Synonyms: c371H6.2; DR-nm23; NDPK-C; NDPKC; NM23-H3; NM23H3





Summary: Major role in the synthesis of nucleoside triphosphates other than ATP. The ATP gamma

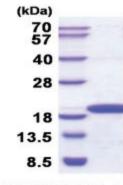
phosphate is transferred to the NDP beta phosphate via a ping-pong mechanism, using a phosphorylated active-site intermediate. Probably has a role in normal hematopoiesis by inhibition of granulocyte differentiation and induction of apoptosis.[UniProtKB/Swiss-Prot

Function]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Purine metabolism, Pyrimidine metabolism

Product images:



15% SDS-PAGE (3ug)