

# Human NME3 Recombinant Protein



RPPB4109

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## Product Information    Protein Information

**Product SKU:**

RPPB4109

**Accession:**

Q13232

**Host:**

E.coli.

**Protein description:**

NME3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 169 amino acids (22-169 a.a.) and having a molecular mass of 19.1kDa. NME3 is fused to a 21 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Nucleoside diphosphate kinase 3, c371H6.2, DR-nm23, KIAA0516, NDPK-C, NDPKC, NM23-H3, NM23H3.

**Formulation:**

The NME3 solution (0.5mg/ml) contains 50% glycerol, 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 2mM DTT.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MERTFLAVKP DGVQRRLVGE IVRRFERKGF KLVALKLVQA SEELLREHYA  
ELRERPFYGR LVKYMASGPV VAMVWQGLDV VRTSRALIGA TNPADAPPGT IRGDFCIEVG KNLIHGSDSV  
ESARREIALW FRADELLCWE DSAGHWLYE

**Biological Activity:**

Specific activity is > 150unit/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.