

Human NME4 Recombinant Protein



RPPB4111

Product Information Protein Information

Product SKU:

RPPB4111

Accession:

O00746

Host:

E.coli.

Protein description:

NME4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 176 amino acids (33-187a.a.) and having a molecular mass of 19.6kDa. NME4 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 mitochondrial, Nucleoside diphosphate kinase, mitochondrial, NDK, NDPKD, nm23-H4, NM23D.

Formulation:

The NME4 solution (0.5mg/ml) contains 40% glycerol, 20mM Tris-HCl buffer (pH 8.0) and 0.2M NaCl.

Purity:

Greater than 90.0% 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 MPSWTRRTL VAVKPDGVQR RLVGDVIQRF ERRGFTLVGM KMLQAPESVL
AEHYQLRRK PFYPALIRYM SGPVVAMVW EGYNVVRASR AMIGHTDSAE AAPGTIRGDF SVHISRNVIH
ASDSVEGAQR EIQLWFQSSE LVSWADGGQH SSIHPA

Biological Activity:

Specific activity is > 120unit/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.