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NME4 Human

Description:NME4 Human Recombinant fused with a 210 amino acid His tag at N-terminus 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. The NME4 is purified by proprietary chromatographic techniques.

Catalog #:PRPS-226

For research use only.

Synonyms: Non-metastatic cells 4, nm23-H4, NM23H4, Nucleoside diphosphate kinase D, NDK, NDPKD, NDP kinase mitochondrial, EC 2.7.4.6, NDPK-D.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MPSWTRERTL VAVKPDGVQR RLVGDVIQRF ERRGFTLVGM KMLQAPESVL AEHYQDLRRK PFYPALIRYM SSGPVVAMVW EGYNVVRASR AMIGHTDSAE AAPGTIRGDF SVHISRNVIH ASDSVEGAQR EIQLWFQSSE LVSWADGGQH SSIHPA

Purity: Greater than 90.0% as determined by SDS-PAGE.

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

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
NME4 is a member of the NDK family. NME4 are ubiquitous enzymes which catalyze transfer of gamma-phosphates, using a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates. The enzymes are products of the nm23 gene family that include NME4. NME4 has a key part in the synthesis of nucleoside triphosphates other than ATP.

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