

NME3 Human

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 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-089

For research use only.

Synonyms: Protein expressed in non-metastatic cells 3, DR-nm23, Nucleoside diphosphate kinase C, NDPKC, NDK 3, NDP kinase 3, EC 2.7.4.6, NM23H3, KIAA0516, NDPK-C, NM23-H3, c371H6.2, NDP kinase C, nucleoside diphosphate kinase 3, nm23-H3.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MERTFLAVKP DGVQRRLVGE
IVRRFERKGF KLVALKLVA SEELLREHYA ELRERPFYGR LVKYMASGPV VAMVWQGLDV
VRTSRALIGA TNPADAPPGT IRGDFCIEVG KNLHGSDSV ESARREIALW FRADELLCWE
DSAGHWLYE.

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:

The NME3 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 2mM DTT and 50% glycerol.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

NME3-a potential suppressor of metastasis, is expressed significantly less in highly metastatic cells than in cells with lower metastatic potential. NME3-a is vital for the synthesis of nucleoside triphosphates and has a part in apoptosis induction and hematopoiesis and is mainly expressed during early stages of myeloid differentiation of highly purified CD34+ cells.

Storage:

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.

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