

32-4330: Recombinant Human Non-Metastatic Cells 4

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

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The NME4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 40% glycerol and 0.2M NaCl.
Storage condition :	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 :	MGSSHHHHHH SSSLVPRGSH MPSWTRERTL VAVKPDGVQR RLVGDVIQRF ERRGFTLVGM KMLQAPESVL AEHYQDLRRK PFYPALIRYM SSGPVVAMVW EGYNVVRASR AMIGHTDSAE AAPGTIRGDF SVHISRNVIIH ASDSVEGAQR EIQLWFQSSE LVSWADGGQH SSIHPA.