

Non-Metastatic Cells 4 Human Recombinant

Item Number	rAP-3712
Synonyms	Non-metastatic cells 4, nm23-H4, NM23H4, Nucleoside diphosphate kinase D, NDK, NDPKD, NDP kinase mitochondrial, EC 2.7.4.6, NDPK-D.
Description	NME4 Human Recombinant fused with a 21 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.
Uniprot Accession Number	O00746
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MPSWTRERTL VAVKPDGVQR RLVGDVIQRF ERRGFTLVGM KMLQAPESVL AEHYQDLRRK PFYPALIRYM SSGPVVAMVW EGYNVVRSR AMIGHTDSAE AAPGTIRGDF SVHISRNVIH ASDSVEGAQR EIQLWFQSSE LVSWADGGQH SSIHPA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The NME4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 40% glycerol and 0.2M NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**