
Product Data Sheet

Product Name: NME3 Human
 Cat. No.: GP24052
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MERTFLAVKP DGVQRRLVGE IVRRFERKGF KLVALKLVQA SEELLREHYA ELRERPFYGR LVKYMASGPV VAMVWQGLDV VRTSRALIGA TNPADAPPGT IRGDFCIEVG KNLIHGSDSV ESARREIALW FRADELLCWE DSAGHWLYE.		
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.		

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.

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.

Background

NME3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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