

NME3 Human

*Non-Metastatic Cells 3 Human Recombinant
RCP1508*

Product Overview

Name NME3 Human

Description

Non-Metastatic Cells 3 Human Recombinant

Accession (Primary) [Q13232](#)

Synonyms

Nucleoside diphosphate kinase 3, c371H6.2, DR-nm23, KIAA0516, NDPK-C, NDPKC, NM23-H3, NM23H3.

Introduction

Non-Metastatic Cells 3 or NME3 is a possible suppressor of metastasis. NME3 can be found at a lower levels in greatly metastatic cells when compared to cells that has less metastatic potential NME3 is crucial for the nucleoside triphosphates synthesis, also, in apoptosis induction & hematopoiesis. NME3 is can be expressed during early stages of myeloid differentiation of greatly purified CD34+ cells.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The NME3 solution (0.5mg/ml) contains 50% glycerol, 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 2mM DTT.

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SGLVPRGSH M ERTFLAVKP DGVQRRLVGE IVRRFERKGF KLVALKLVQA SEELLREHYA
ELRERPFYGR LVKYMASGPV VAMVWQGLDV VRTSRALIGA TNPADAPPGT IRGDFCIEVG KNLIHGSDSV
ESARREIALW FRADELLCWE DSAGHWLYE

Biological Activity

Specific activity is > 150unit/mg, and is defined as the amount of enzyme that convert 1.0 umole each of ATP and TDP

to ADP and TTP per minute at pH 7.5 at 25C in a couple system with PK/LDH.

Precautions

NME3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([Q13232](#))