

NME3, 22-169aa, Human, His tag, E.coli (Bioactivity Validated)

Cat.NO.: TP03171

3th Edition

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

Description:NME3, also known as, a potential suppressor of metastasis, is expressed at a much lower level in highly metastatic cells than in cells with lower metastatic potential. It is important for the synthesis of nucleoside triphosphates and may play a role in apoptosis induction and hematopoiesis. It is preferentially expressed during early stages of myeloid differentiation of highly purified CD34+ cells. Recombinant human NME3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.1M NaCl, 2mM DTT

Molecular Weight:19.1 kDa (169aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMERTFLAVKPDGVQRRVLVGEIVRRFERKGFKLVALKLVQASEELLREHYAELRER
PFYGRLLVKYMASGPVAMVWQGLDVVRTSRALIGATNPADAPPGTIRGDFCIEVGKNLIHGSDSVESARREIALWF
RADELLCWEDSAGHWLYE

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.