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NME4, 33-187aa, Human, His tag, E.coli (Bioactivity Validated)

产品货号: TP03173

第三版

别名:Nucleoside diphosphate kinase, mitochondrial, NDK, NDPKD, nm23-H4, NM23D.

描述:NME4, also known as nucleoside diphosphate kinase, mitochondrial, belongs to the NDK family. NME4 are ubiquitous enzymes that catalyze transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates. The enzymes are products of the nm23 gene family, which includes NME4. NME4 plays a major role in the synthesis of nucleoside triphosphates other than ATP. Recombinant human NME4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.2M NaCl

分子量:19.6 kDa (176aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMPSWTRERTLVAVKPDGVQRRLVGDVIQRFERRGFTLVGMKMLQAPESVLAEHYQDL
RRKPFYPALIRYMSSGPVVMVWEGYNVVRASRAMIGHTDSAEAAPGTIRGDFSVHISRNVIIHASDSVEGAQREIQLWFQ
SSELVSWADGGQHSSIHPA

纯度:> 95% by HPLC

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

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.