

Recombinant Full Length Human NME4 Protein, GST-tagged

Cat. No. NME4-6578HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NME4 full-length ORF (NP_005000.1, 1 a.a. - 187 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	187 amino acids
Description	The nucleoside diphosphate (NDP) kinases (EC 2.7.4.6) 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 (Milon et al., 1997 [PubMed 9099850]).[supplied by OMIM
Molecular Mass	47.1 kDa
AA Sequence	MGGLFWRSALRGLRCGPAPGPSLLVRHGSGGPSWTRERTLVAVKPDGVQRRLLV GDVIQRFERRGFTLVGMKMLQAPESVLAEHYQDLRRKPFYPALIRYMSSGPVVAMV WEGYNVVRASRAMIGHTDSAEAAPGTIRGDFSVHISRNVIHASDSVEGAQREIQLWF QSSELVSWADGGQHSSIHPA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NME4 non-metastatic cells 4, protein expressed in [Homo sapiens]
Official Symbol	NME4
Synonyms	NME4; non-metastatic cells 4, protein expressed in; nucleoside diphosphate kinase, mitochondrial; nm23 H4; NM23H4; NDK; NDPKD; NDP kinase D; NDP kinase, mitochondrial; nucleoside diphosphate kinase D; NDPK-D; nm23-H4;
Gene ID	4833
mRNA Refseq	NM_005009
Protein Refseq	NP_005000
MIM	601818
UniProt ID	O00746

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