

Recombinant Full Length Human NME1 Protein, GST-tagged

Cat. No. NME1-6571HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NME1 full-length ORF (AAH00293, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	152 amino acids
Description	This gene (NME1) was identified because of its reduced mRNA transcript levels in highly metastatic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of A (encoded by this gene) and B (encoded by NME2) isoforms. Mutations in this gene have been identified in aggressive neuroblastomas. Two transcript variants encoding different isoforms have been found for this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generates naturally-occurring transcripts (NME1-NME2), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq]
Molecular Mass	42.46 kDa
AA Sequence	MANCERTFIAIKPDGVQRGLVGEIIKRFEQKGFRVLVGLKFMQASEDLLKEHYVDLKD RPFFAGLVKYMHS GPVVAMVWEGLVVKTGRVMLGETNPADSKPGTIRGDFCIQV GRNIIHGSDSVESAEKEIGLWFHPEELVDYTSCAQNWIYE

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production 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	NME1 non-metastatic cells 1, protein (NM23A) expressed in [Homo sapiens]
Official Symbol	NME1
Synonyms	NME1; non-metastatic cells 1, protein (NM23A) expressed in; nucleoside diphosphate kinase A; NM23; NM23 H1; NDP kinase A; granzyme A-activated DNase; metastasis inhibition factor nm23; tumor metastatic process-associated protein; NB; AWD; NBS; GAAD; NDKA; NDPKA; NDPK-A; NM23-H1;
Gene ID	4830
mRNA Refseq	NM_000269
Protein Refseq	NP_000260
MIM	156490
UniProt ID	P15531

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