

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	<p>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</p>
Molecular Mass	42.46 kDa
AA Sequence	<p>MANCERTFIAIKPDGVQRGLVGEIIKRFEQKGFRLVGLKFMQASEDLLKEHYVDLKD RPFAGLVKYMHS GPVVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQV GRNIIHGSDSVESAEKEIGLWFHPEELVDYTSQAQNWIIYE</p>

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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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