

Recombinant Human NME3, His-tagged

Cat. No. NME3-28749TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 22-169 of Human NME3 with an N terminal His tag; 169 amino acids with tag, MWt 19.1 kDa.
Species	Human
Source	E.coli
ProteinLength	148 amino acids
Description	Nucleoside diphosphate kinase 3 is an enzyme that in humans is encoded by the NME3 gene.
Conjugation	HIS
Molecular Weight	19.100kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 50% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 2mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHSSGLVPRGSHMERTFLAVKPDGVQRRLVGEIVRRFERKGFKLVAL
 KLVQASEELLREHYAELRERPFGRLVKYMASGPVVAMVWQGLDVVRTSRALIGAT
 NPADAPPGTIRGDFCIEVGKNLIHGSDSVESARREIALWFRADELLCWEDSAGHWLY
 E

GENE INFORMATION

Gene Name	NME3 non-metastatic cells 3, protein expressed in [Homo sapiens]
Official Symbol	NME3
Synonyms	NME3; non-metastatic cells 3, protein expressed in; nucleoside diphosphate kinase 3; DR nm23;
Gene ID	4832
mRNA Refseq	NM_002513
Protein Refseq	NP_002504
MIM	601817
Uniprot ID	Q13232
Chromosome Location	16q13.3
Pathway	Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem;

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Function

ATP binding; kinase activity; metal ion binding; nucleoside diphosphate kinase activity; nucleotide binding;

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