

## Product datasheet for **TP761637**

### NME2 (NM\_002512) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human non-metastatic cells 2, protein (NM23B) expressed in (NME2), transcript variant 1, full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length NME2
Tag:	N-GST and C-His
Predicted MW:	45.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_002503</a>
Locus ID:	4831
UniProt ID:	<a href="#">P22392</a> , <a href="#">Q6FHN3</a>
RefSeq Size:	822
Cytogenetics:	17q21.33
RefSeq ORF:	456
Synonyms:	NDKB; NDPK-B; NDPKB; NM23-H2; NM23B; PUF



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**Summary:**

Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by NME1) and 'B' (encoded by this gene) isoforms. Multiple alternatively spliced transcript variants have been found for this gene. Read-through transcription from the neighboring upstream gene (NME1) generates naturally-occurring transcripts (NME1-NME2) that encode a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq, Nov 2010]

**Protein Families:**

Druggable Genome, Transcription Factors

**Protein Pathways:**

Metabolic pathways, Purine metabolism, Pyrimidine metabolism

**Product images:**