

Product datasheet for **TP720214M**

NM23A (NME1) (NM_000269) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human non-metastatic cells 1, protein (NM23A) expressed in (NME1), transcript variant 2 |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | Met1-Glu152 |
| Tag: | N-His |
| Predicted MW: | 19.3 kDa |
| Concentration: | lot specific |
| Purity: | >95% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl |
| Endotoxin: | < 0.1 EU per µg protein as determined by LAL test |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 3 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | NP_000260 |
| Locus ID: | 4830 |
| UniProt ID: | P15531 , A0A384MTW7 |
| Cytogenetics: | 17q21.33 |
| Synonyms: | AWD; GAAD; NB; NBS; NDKA; NDPK-A; NDPKA; NM23; NM23-H1 |



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Summary:

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, Jul 2008]

Protein Families:

Druggable Genome, Stem cell - Pluripotency

Protein Pathways:

Metabolic pathways, Purine metabolism, Pyrimidine metabolism

Product images: