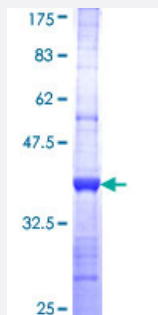


# NME2 (Human) Recombinant Protein (Q01)

Catalog # H00004831-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human NME2 partial ORF ( NP_002503, 51 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	HYDLKDRPFFPGLVKYMNSGPVVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGR NIIHGSDSVKSAEKEISLWFKPEELVDYKSCAHDWVYE
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.96
<b>Interspecies Antigen Sequence</b>	Mouse (97); Rat (97)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — NME2

Entrez GeneID	<a href="#">4831</a>
GeneBank Accession#	<a href="#">NM_002512</a>
Protein Accession#	<a href="#">NP_002503</a>
Gene Name	NME2
Gene Alias	MGC111212, NDPK-B, NDPKB, NM23-H2, NM23B, puf
Gene Description	non-metastatic cells 2, protein (NM23B) expressed in
Omim ID	<a href="#">156491</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene 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 encoding the same isoform have been found for this gene. Co-transcription of this gene and the neighborin g upstream gene (NME1) generates naturally-occurring transcripts (NME1-NME2) which encode a fusion protein comprised of sequence sharing identity with each individual gene product. [provid ed by RefSeq
Other Designations	NDP kinase B OTTHUMP00000174727 OTTHUMP00000174728 OTTHUMP00000174774 OTT HUMP00000174775 OTTHUMP00000174776 c-myc transcription factor non-metastatic cells 2, p rotein (NM23) expressed in

## Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)

- [Pyrimidine metabolism](#)