

Full-Length

# NME6 (Human) Recombinant Protein (P01)

Catalog # H00010201-P01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human NME6 full-length ORF ( AAH01808, 1 a.a. - 194 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MTQNLGSEMASILRSPQALQLTLALIKPDAVAHPLILEAVHQILSNKFLIVRMRELLWRKEDCQRF YREHEGRFFYQRLVEFMASGPIRAYILAHKDAIQLWRTLMPTRVFRARHVAPDSIRGSFGLTDTR NTTHGSDSVVSASREIAAFFPDFSEQRWYEEEEPQLRCGPVCYSPEGGVHYVAGTGGLGPA
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	47.08
<b>Interspecies Antigen Sequence</b>	Mouse (91); Rat (91)
<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.

**Note** 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 — NME6

<b>Entrez GeneID</b>	<a href="#">10201</a>
<b>GeneBank Accession#</b>	<a href="#">BC001808</a>
<b>Protein Accession#</b>	<a href="#">AAH01808</a>
<b>Gene Name</b>	NME6
<b>Gene Alias</b>	IPIA-ALPHA, NM23-H6
<b>Gene Description</b>	non-metastatic cells 6, protein expressed in (nucleoside-diphosphate kinase)
<b>Omim ID</b>	<a href="#">608294</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	The nucleoside diphosphate (NDP) kinases (EC 2.7.4.6) are ubiquitous enzymes that catalyze transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates. The enzymes are products of the NM23 gene family (see MIM 156490).[supplied by OMIM]
<b>Other Designations</b>	inhibitor of p53-induced apoptosis-alpha nucleoside diphosphate kinase type 6

## Pathway

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

- [Pyrimidine metabolism](#)