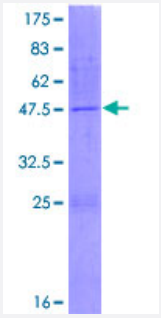
Full-Length

NME4 (Human) Recombinant Protein (P01)

Catalog # H00004833-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NME4 full-length ORF (NP_005000.1, 1 a.a. - 187 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGGLFWRSALRGLRCGPRAPGPSLLVRHGSGGPSWTRERTLVAVKPDGVQRRLVGDVIQRFER RGFTLVGMKMLQAPESVLAEHYQDLRRKPFYPALIRYMSSGPVVAMVWEGYNVVRASRAMIGHT DSAEAAPGTIRGDFSVHISRNVIHASDSVEGAQREIQLWFQSSELVSWADGGQHSSIHPA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.1
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	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 — NME4

Entrez GeneID	4833
GeneBank Accession#	NM_005009.2
Protein Accession#	NP_005000.1
Gene Name	NME4
Gene Alias	NDPK-D, NM23H4, nm23-H4
Gene Description	non-metastatic cells 4, protein expressed in
Omim ID	601818
Gene Ontology	Hyperlink
Gene Summary	The nucleoside diphosphate (NDP) kinases (EC 2.7.4.6) are ubiquitous enzymes that catalyze tra nsfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxy nucleoside tri- and diphosphates. The enzymes are products of the nm23 gene family, which inclu des NME4 (Milon et al., 1997 [PubMed 9099850]).[supplied by OMIM
Other Designations	NDP kinase D|nucleoside-diphosphate kinase 4

Pathway

- Metabolic pathways
- Purine metabolism

- Pyrimidine metabolism