

## Recombinant Human NME7, GST-tagged

Cat. No. NME7-50H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human NME7(1 a.a. - 376 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.

**Species** Human

**Source** Wheat Germ

**Molecular Mass** 68.9 kDa

**AA Sequence**  
 MNHSERFVFIAEWYDPNASLLRRYELLFYPGDGSVEMHDVKNHRTFLKRTKYDNLH  
 LEDLFIGNKVNVFSRQLVL IDYGDQYTARQLGSRKEKTLALIKPDAISKAGEIIEIINKA  
 GFTITKLKMMMLSRKEALDFHVDHQSRPFFNELI QFITTGPIIAMEILRDDAICEWKRL  
 LGPANSQVARTDASESIRALFGTDGIRNAAHGPDSFASAAREMELFFPSS GGCGPA  
 NTAKFTNCTCCIVKPHAVSEGLLGKILMAIRDAGFEISAMQMFNMDRVNVEEFYEVY  
 KGVVTEYHDMVT EMYSGPCVAMEIQQNNATKTFREFCGPADPEIARHLRPGTLRAI  
 FGKTKIQNAVHCTDLPEDGLLEVQYFFKILD N

**Applications** ELISA; WB-Re; AP; Array

**Storage** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### GENE INFORMATION

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<b>Gene Name</b>	NME7 non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase) [Homo sapiens]
<b>Official Symbol</b>	NME7
<b>Synonyms</b>	NME7; NME/NM23 family member 7; non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase); EC 2.7.4.6; FLJ37194; MN23H7; NDK 7; nucleoside diphosphate kinase 7; NDP kinase 7; nucleoside-diphosphate kinase 7; nm23-H7; OTTHUMP00000032536; OTTHUMP00000231077; OTTHUMP00000231078
<b>Gene ID</b>	29922
<b>mRNA Refseq</b>	NM_013330
<b>Protein Refseq</b>	NP_037462
<b>MIM</b>	613465
<b>UniProt ID</b>	Q9Y5B8
<b>Chromosome Location</b>	1q24
<b>Pathway</b>	Adenine ribonucleotide biosynthesis, IMP =>ADP,ATP; Purine metabolism; Pyrimidine ribonucleotide biosynthesis, UMP =>UDP/UTP,CDP/CTP
<b>Function</b>	ATP binding; metal ion binding; nucleoside diphosphate kinase activity

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