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 LGPANSGVARTDASESIRALFGTDGIRNAAHGPDSFASAAREMELFFPSS 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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Gene Name	NME7 non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase) [Homo sapiens]
Official Symbol	NME7
Synonyms	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
Gene ID	29922
mRNA Refseq	NM_013330
Protein Refseq	NP_037462
MIM	613465
UniProt ID	Q9Y5B8
Chromosome Location	1q24
Pathway	Adenine ribonucleotide biosynthesis, IMP =>ADP,ATP; Purine metabolism; Pyrimidine ribonucleotide biosynthesis, UMP =>UDP/UTP,CDP/CTP
Function	ATP binding; metal ion binding; nucleoside diphosphate kinase activity

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