

Recombinant Full Length Human NME7 Protein, GST-tagged

Cat. No. NME7-7011HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full-length NME7(1 a.a. - 376 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	376 amino acids
Description	This gene encodes a member of the non-metastatic expressed family of nucleoside diphosphate kinases. Members of this family are enzymes that catalyzes phosphate transfer from nucleoside triphosphates to nucleoside diphosphates. This protein contains two kinase domains, one of which is involved in autophosphorylation and the other may be inactive. This protein localizes to the centrosome and functions as a component of the gamma-tubulin ring complex which plays a role in microtubule organization. Mutations in this gene may be associated with venous thromboembolism. Alternate splicing results in multiple transcript variants.
Molecular Mass	68.9 kDa
AA Sequence	MNHSERFVFI AEWYDPNASLLRRYELLFYPGDGSVEMHDVKNHRTFLKRTKYDNLH LEDLFIGNKVNVFSRQLVL IDYGDQYTARQLGSRKEKTLALIKPDAISKAGEIIEIINKA GFTITKLKMMMLSRKEALDFHVDHQSRPFFNELI QFITTGPPIAMEILRDDAICEWKRL LGPANSGVARTDASESIRALFGTDGIRNAAHGPDSFASAAREMELFFPSS GGCGPA NTAKFTNCTCCIVKPHAVSEGLLGKILMAIRDAGFEISAMQMFMMDRVNVVEEFYEVY

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KGVVTEYHDMVT EMYSGPCVAMEIQNNATKTFREFCGPADPEIARHLRPGTLRAI
FGKTKIQNAVHCTDLPEDGLLEVQYFFKILD N

Applications ELISA; WB-Re; AP; Array

Storage Store at -80 centigrade. 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

Gene Name NME7 NME/NM23 family member 7 [Homo sapiens (human)]

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

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