

Recombinant Human NME7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NME7-2170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NME7 MS Standard C13 and N15-labeled recombinant protein (NP_932076) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	42.5 kDa
AA Sequence	MNHSERFVFIAEWYDPNASLLRRYELLYPGDGSVEMHDVKNHRTFLKRTKYDNLH LEDLFIGNKVNVFSRQLVLIDYGDQYTARQLGSRKEKTLALIKPDAISKAGEIIEIINKAG FTITKLKMMMLSRKEALDFHVDHQSRPFFNELIQFITTGPIIAMEILRDDAICEWKRL GPANSGVARTDASESIRALFGTDGIRNAAHGPDSFASAAREMELFFPSSGGCGPAN TAKFTNCTCCIVKPHAVSEGLLGKILMAIRDAGFEISAMQMFNMDRVNVEEFYEVYK

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GVVTEYHDMVTEMYSGPCVAMEIQNNATKTFREFCGPADPEIARHLRPGTLRAIF
GKTKIQNAVHCTDLPEDGLLEVQYFFKILDNTRTRPLEQKLISEEDLAANDILDYKDDD
DKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol NME7

Synonyms NME7; non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase); nucleoside diphosphate kinase 7; FLJ37194; NM23 H7; NDK 7; NDP kinase 7; nucleoside-diphosphate kinase 7; MN23H7; nm23-H7;

Gene ID 29922

mRNA Refseq NM_197972

Protein Refseq NP_932076

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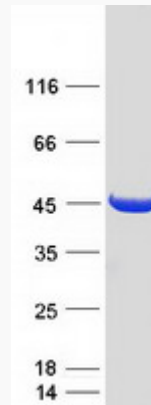
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MIM 613465

UniProt ID Q9Y5B8

SDS-PAGE



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