

Product datasheet for **TP302669L**

Nucleoside Diphosphate Kinase 7 (NME7) (NM_197972) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase) (NME7), transcript variant 2, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202669 protein sequence
Red=Cloning site **Green**=Tags(s)

MNHSERFVFIAEWYDPNASLLRRYELLFYPGDGSVEMHDVKNHRFTFLKRTKYDNLHLEDLFIGNKVNVFS
RQLVLIDYGDQYTARQLGSRKEKTLALIKPDAISKAGEIIEIINKAGFTITKLKMMMSLRKEALDFHVDH
QSRPFFNELIQFITTGPIIAMEILRDDAICEWKRLGPNANSGVARTDASESIRALFGTDGIRNAAHGPD
FASAAREMELFFPSSGGCGPANTAKFTNCTCCIVKPHAVSEGLLGKILMAIRDAGFEISAMQMFNMDRVN
VEEFYEVYKGVVTEYHDMVTEMYSGPCVAMEIQNNATKTFREFCGPADPEIARHLRPGTLRAIFGKTKI
QNAVHCTDLPEDGLLEVQYFFKILDN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 38 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_932076](#)



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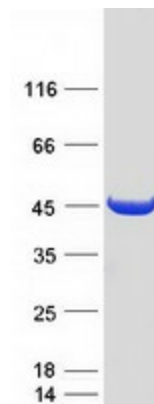
Locus ID: 29922
UniProt ID: [Q9Y5B8](#), [A0A024R8Z7](#)
RefSeq Size: 1625
Cytogenetics: 1q24.2
RefSeq ORF: 1131
Synonyms: CFAP67; MN23H7; NDK 7; NDK7; nm23-H7

Summary: 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. [provided by RefSeq, Sep 2016]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Purine metabolism, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified NME7 protein (Cat# [TP302669]). The protein was produced from HEK293T cells transfected with NME7 cDNA clone (Cat# [RC202669]) using MegaTran 2.0 (Cat# [TT210002]).