

## Product datasheet for TP302669

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202669 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MNHSERFVFAEWYDPNASLLRRYELLFYPGDGSVEMHDVKNHRTFLKRTKYDNLHLEDLFIGNKVNVFS RQLVLIDYGDQYTARQLGSRKEKTLALIKPDAISKAGEIIEIINKAGFTITKLKMMMLSRKEALDFHVDH QSRPFFNELIQFITTGPIIAMEILRDDAICEWKRLGPGANSVARTDASESIRALFGTDGIRNAAHGPDS FASAAREMELFFPSSGGCGPANTAKFTNCTCCIVKPHAVSEGLLGKILMAIRDAGFEISAMQMFNMDRVN VEEFYEVYKGVVTEYHDMVTEMYSGPCVAMEIQNNATKTFREFCGPADPEIARHLRPGTLRAIFGKTKI QNAVHCTDLPEDGLLEVQYFFKILDN
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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:	<u><a href="#">NP_932076</a></u>



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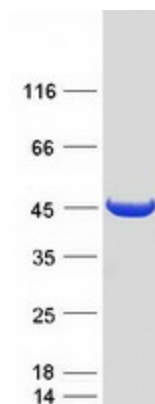
Locus ID: 29922  
UniProt ID: [Q9Y5B8](#)  
RefSeq Size: 1625  
Cytogenetics: 1q24.2  
RefSeq ORF: 1128  
Synonyms: CFAP67; MN23H7; NDK 7; NDK7; nm23-H7

**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]).