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Product datasheet for RC202669L3V

Nucleoside Diphosphate Kinase 7 (NME7) (NM_197972) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nucleoside Diphosphate Kinase 7 (NME7) (NM_197972) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Nucleoside Diphosphate Kinase 7
Synonyms:	CFAP67; MN23H7; NDK 7; NDK7; nm23-H7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_197972
ORF Size:	1131 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC202669).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_197972.1
RefSeq Size:	1625 bp
RefSeq ORF:	1023 bp
Locus ID:	29922
UniProt ID:	Q9Y5B8
Cytogenetics:	1q24.2
Protein Families:	Druggable Genome

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Protein Pathways:	Metabolic pathways, Purine metabolism, Pyrimidine metabolism
MW:	42.5 kDa
Gene 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]