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Product datasheet for RC202603L1V

NME4 (NM_005009) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NME4 (NM_005009) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NME4
Synonyms:	NDPK-D; nm23-H4; NM23H4
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005009
ORF Size:	561 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202603).
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_005009.2
RefSeq Size:	1059 bp
RefSeq ORF:	564 bp
Locus ID:	4833
UniProt ID:	O00746
Cytogenetics:	16p13.3
Domains:	NDK
Protein Families:	Druggable Genome

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Protein Pathways: Metabolic pathways, Purine metabolism, Pyrimidine metabolism

MW: 20.7 kDa

Gene Summary: The nucleoside diphosphate (NDP) kinases (EC 2.7.4.6) are ubiquitous enzymes that catalyze transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates. The enzymes are products of the nm23 gene family, which includes NME4 (Milon et al., 1997 [PubMed 9099850]).[supplied by OMIM, May 2008]

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