

## Product datasheet for **RC200447L3V**

### **NME3 (NM\_002513) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NME3 (NM_002513) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NME3
Synonyms:	c371H6.2; DR-nm23; NDPK-C; NDPKC; NM23-H3; NM23H3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002513
ORF Size:	507 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200447).
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. <a href="#">More info</a>
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:	<a href="#">NM_002513.2</a> , <a href="#">NP_002504.2</a>
RefSeq Size:	1038 bp
RefSeq ORF:	510 bp
Locus ID:	4832
UniProt ID:	<a href="#">Q13232</a>
Cytogenetics:	16p13.3
Domains:	NDK
Protein Families:	Druggable Genome



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**Protein Pathways:** Metabolic pathways, Purine metabolism, Pyrimidine metabolism

**MW:** 18.8 kDa

**Gene Summary:** Major role in the synthesis of nucleoside triphosphates other than ATP. The ATP gamma phosphate is transferred to the NDP beta phosphate via a ping-pong mechanism, using a phosphorylated active-site intermediate. Probably has a role in normal hematopoiesis by inhibition of granulocyte differentiation and induction of apoptosis.[UniProtKB/Swiss-Prot Function]