

Product datasheet for RC230926L3

OriGene Technologies, Inc.

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NME2 (NM_001198682) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: NME2 (NM_001198682) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: NME2

Synonyms: NDKB; NDPK-B; NDPKB; NM23-H2; NM23B; PUF

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

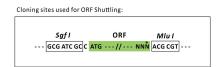
E. coli Selection: Chloramphenicol (34 ug/mL)

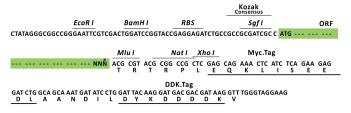
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC230926).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



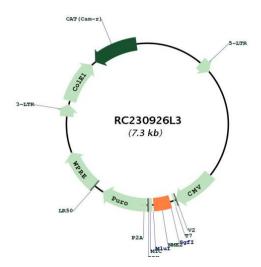


^{*} The last codon before the Stop codon of the ORF.





Plasmid Map:



ACCN: NM_001198682

ORF Size: 246 bp

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: NM 001198682.1

RefSeq ORF: 249 bp Locus ID: 4831



NME2 (NM_001198682) Human Tagged Lenti ORF Clone - RC230926L3

Cytogenetics: 17q21.33

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Metabolic pathways, Purine metabolism, Pyrimidine metabolism

MW: 10 kDa

Gene Summary: Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by

NME1) and 'B' (encoded by this gene) isoforms. Multiple alternatively spliced transcript variants have been found for this gene. Read-through transcription from the neighboring upstream gene (NME1) generates naturally-occurring transcripts (NME1-NME2) that encode a fusion protein comprised of sequence sharing identity with each individual gene product.

[provided by RefSeq, Nov 2010]