

Product datasheet for RC224466L3

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DIAPH2 (NM_007309) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: DIAPH2 (NM_007309) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: DIAPH2

Synonyms: DIA; DIA2; DRF2; POF; POF2; POF2A

Mammalian Cell Puromycin

Selection:

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

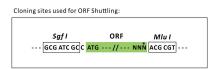
E. coli Selection: Chloramphenicol (34 ug/mL)

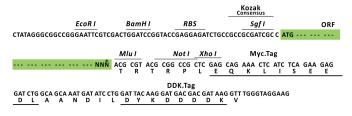
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC224466).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_007309

ORF Size: 3288 bp





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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: <u>NM 007309.3</u>, <u>NP 009293.1</u>

 RefSeq Size:
 3782 bp

 RefSeq ORF:
 3291 bp

 Locus ID:
 1730

 UniProt ID:
 060879

Cytogenetics: Xq21.33

Domains:

Protein Families: Druggable Genome

Protein Pathways: Regulation of actin cytoskeleton

FH2

MW: 124.8 kDa

Gene Summary: The product of this gene belongs to the diaphanous subfamily of the formin homology family

of proteins. This gene may play a role in the development and normal function of the ovaries. Defects in this gene have been linked to premature ovarian failure 2. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul

2008]