

Product datasheet for RC213427L4

OriGene Technologies, Inc.

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ZIP Kinase (DAPK3) (NM_001348) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ZIP Kinase (DAPK3) (NM_001348) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: ZIP Kinase

Synonyms: DLK; ZIP; ZIPK

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

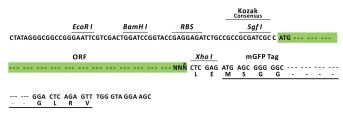
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC213427).

Sequence:

Restriction Sites: Sgfl-Xhol

Cloning Scheme:





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

ACCN: NM_001348

ORF Size: 1362 bp





ZIP Kinase (DAPK3) (NM_001348) Human Tagged Lenti ORF Clone - RC213427L4

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 001348.1</u>

RefSeq Size: 2105 bp
RefSeq ORF: 1365 bp
Locus ID: 1613

 UniProt ID:
 O43293

 Cytogenetics:
 19p13.3

Domains: pkinase, TyrKc, S TKc

Protein Families: Druggable Genome, Protein Kinase
Protein Pathways: Bladder cancer, Pathways in cancer

MW: 52.4 kDa

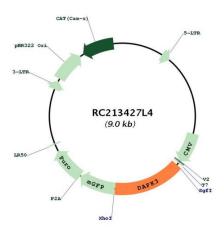
Gene Summary: Death-associated protein kinase 3 (DAPK3) induces morphological changes in apoptosis when

overexpressed in mammalian cells. These results suggest that DAPK3 may play a role in the

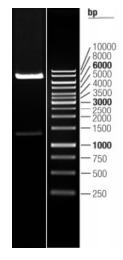
induction of apoptosis. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC213427L4



Double digestion of RC213427L4 using Sgfl and Xhol