

Product datasheet for RC225504L3

OriGene Technologies, Inc.

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CAB39 (NM_001130849) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CAB39 (NM_001130849) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: CAB39

Synonyms: CGI-66; MO25

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

Sequence:

The ORF insert of this clone is exactly the same as(RC225504).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_001130849

ORF Size: 1023 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 001130849.1</u>, <u>NP 001124321.1</u>

 RefSeq Size:
 3968 bp

 RefSeq ORF:
 1026 bp

 Locus ID:
 51719

 UniProt ID:
 Q9Y376

 Cytogenetics:
 2q37.1

Protein Pathways: mTOR signaling pathway

MW: 39.9 kDa

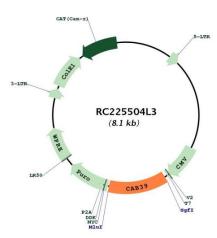
Gene Summary: Component of a complex that binds and activates STK11/LKB1. In the complex, required to

stabilize the interaction between CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta)

and STK11/LKB1.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC225504L3