

Product datasheet for RC209740L3

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

OriGene Technologies, Inc.

EU: info-de@origene.com CN: techsupport@origene.cn

RAB26 (NM_014353) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RAB26 (NM_014353) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: RAB26

Synonyms: V46133

Mammalian Cell Puromycin

Selection:

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

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

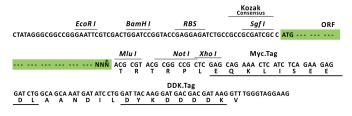
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC209740).

Sequence:

s: Sgfl-Mlul

Restriction Sites: Cloning Scheme:





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

ACCN: NM_014353

ORF Size: 768 bp





RAB26 (NM_014353) Human Tagged Lenti ORF Clone - RC209740L3

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 014353.4</u>, <u>NP 055168.2</u>

 RefSeq Size:
 1641 bp

 RefSeq ORF:
 771 bp

 Locus ID:
 25837

 UniProt ID:
 Q9ULW5

Cytogenetics: 16p13.3

Protein Families: Druggable Genome

MW: 27.9 kDa

Gene Summary: Members of the RAB protein family, including RAB26, are important regulators of vesicular

fusion and trafficking. The RAB family of small G proteins regulates intercellular vesicle trafficking, including exocytosis, endocytosis, and recycling (summary by Seki et al., 2000

[PubMed 11043516]).[supplied by OMIM, Nov 2010]