

Product datasheet for RC204479L2

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RND3 (NM_005168) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RND3 (NM_005168) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: RND3

Synonyms: ARHE; memB; Rho8; RhoE

Mammalian Cell None

Selection:

Vector: pLenti-C-mGFP (PS100071)

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

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC204479).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_005168

ORF Size: 732 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 005168.3</u>

RefSeq Size: 2712 bp
RefSeq ORF: 735 bp
Locus ID: 390

 UniProt ID:
 P61587

 Cytogenetics:
 2q23.3

Domains: ras, RAS, RHO, RAB

MW: 27.4 kDa

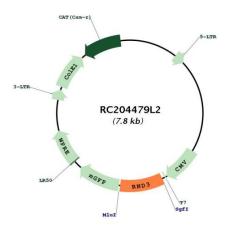
Gene Summary: This gene encodes a protein which is a member of the small GTPase protein superfamily. The

encoded protein binds only GTP but has no GTPase activity, and appears to act as a negative regulator of cytoskeletal organization leading to loss of adhesion. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Dec

2011]



Product images:



Circular map for RC204479L2