

## Product datasheet for RC204324L3

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# RHOH (NM\_004310) Human Tagged Lenti ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** RHOH (NM\_004310) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: RHOH

Synonyms: ARHH; TTF

Mammalian Cell Puromycin

Selection:

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

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

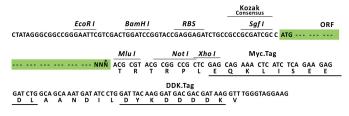
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC204324).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_004310

ORF Size: 573 bp





### RHOH (NM\_004310) Human Tagged Lenti ORF Clone - RC204324L3

**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 004310.2</u>

RefSeq Size: 2102 bp RefSeq ORF: 576 bp Locus ID: 399

UniProt ID: Q15669
Cytogenetics: 4p14

Domains: ras, RAS, RHO, RAB

Protein Families: Transcription Factors

Protein Pathways: Leukocyte transendothelial migration

MW: 21.3 kDa

**Gene Summary:** The protein encoded by this gene is a member of the Ras superfamily of guanosine

triphosphate (GTP)-metabolizing enzymes. The encoded protein is expressed in

hematopoietic cells, where it functions as a negative regulator of cell growth and survival. This gene may be hypermutated or misexpressed in leukemias and lymphomas. Chromosomal

translocations in non-Hodgkin's lymphoma occur between this locus and B-cell

CLL/lymphoma 6 (BCL6) on chromosome 3, leading to the production of fusion transcripts. Alternative splicing in the 5' untranslated region results in multiple transcript variants that

encode the same protein. [provided by RefSeq, May 2013]