

Product datasheet for RC213864L4

ERC1 (NM_178040) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ERC1 (NM_178040) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: ERC1

Synonyms: Cast2; ELKS; ERC-1; RAB6IP2

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(RC213864).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_178040

ORF Size: 3348 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



ERC1 (NM_178040) Human Tagged Lenti ORF Clone - RC213864L4

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.

12p13.33

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 178040.1</u>

 RefSeq Size:
 6893 bp

 RefSeq ORF:
 3351 bp

 Locus ID:
 23085

 UniProt ID:
 Q8IUD2

Protein Families: Druggable Genome

MW: 127.9 kDa

Cytogenetics:

Gene Summary: The protein encoded by this gene is a member of a family of RIM-binding proteins. RIMs are

active zone proteins that regulate neurotransmitter release. This gene has been found fused

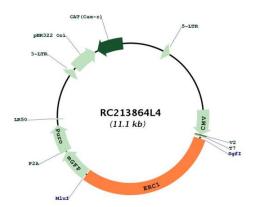
to the receptor-type tyrosine kinase gene RET by gene rearrangement due to the

translocation t(10;12)(q11;p13) in thyroid papillary carcinoma. Alternative splicing results in

multiple transcript variants. [provided by RefSeq, Jul 2014]



Product images:



Circular map for RC213864L4