

Product datasheet for RC225581L4

OriGene Technologies, Inc.

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RBED1 (ELMOD3) (NM_001135021) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RBED1 (ELMOD3) (NM_001135021) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: RBED1

Synonyms: DFNB88; LST3; RBED1; RBM29

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(RC225581).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001135021

ORF Size: 1143 bp





RBED1 (ELMOD3) (NM_001135021) Human Tagged Lenti ORF Clone - RC225581L4

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 001135021.1, NP 001128493.1</u>

 RefSeq ORF:
 1146 bp

 Locus ID:
 84173

 UniProt ID:
 Q96FG2

 Cytogenetics:
 2p11.2

MW: 42.9 kDa

Gene Summary: This gene encodes a member of the engulfment and cell motility family of GTPase-activating

proteins that regulate Arf GTPase proteins. Members of this family are defined by a conserved

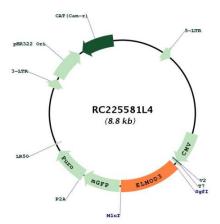
engulfment and cell motility domain. In rat cochlea, the encoded protein is found in

stereocilia, kinocilia and cuticular plate of developing hair cells suggesting a function for this protein in cochlear sensory cells. An allelic variant of this family has been associated with autosomal recessive nonsyndromic deafness-88 in humans. Alternative splicing results in

multiple transcript variants. [provided by RefSeq, Jul 2016]



Product images:



Circular map for RC225581L4