

Product datasheet for RC217877L2

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OriGene Technologies, Inc.

DEF6 (NM_022047) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: DEF6 (NM_022047) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: DEF6

IBP; SLAT; SWAP70L Synonyms:

Mammalian Cell None

Selection:

Vector: pLenti-C-mGFP (PS100071)

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

Sgfl-Mlul

Sequence:

The ORF insert of this clone is exactly the same as(RC217877). **ORF Nucleotide**

Restriction Sites:

Cloning Scheme:





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

ACCN: NM_022047

ORF Size: 1893 bp



DEF6 (NM_022047) Human Tagged Lenti ORF Clone - RC217877L2

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 022047.2</u>, <u>NP 071330.2</u>

6p21.31

 RefSeq Size:
 2320 bp

 RefSeq ORF:
 1896 bp

 Locus ID:
 50619

 UniProt ID:
 Q9H4E7

Domains: PH

Cytogenetics:

Protein Families: Druggable Genome

MW: 73.7 kDa

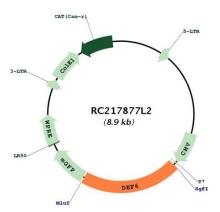
Gene Summary: DEF6, or IBP, is a guanine nucleotide exchange factor (GEF) for RAC (MIM 602048) and CDC42

(MIM 116952) that is highly expressed in B and T cells (Gupta et al., 2003 [PubMed

12923183]).[supplied by OMIM, Mar 2008]



Product images:



Circular map for RC217877L2