

Product datasheet for RC227527L2

OriGene Technologies, Inc.

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EXOC7 (NM_001145299) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: EXOC7 (NM_001145299) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: EXOC7

Synonyms: 2-5-3p; BLOM4; EX070; EX070; EX070p; EXOC1; NEDSEBA; YJL085W

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(RC227527).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001145299

ORF Size: 2121 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: NM 001145299.1

 RefSeq ORF:
 2124 bp

 Locus ID:
 23265

 UniProt ID:
 Q9UPT5

Cytogenetics:

Protein Families: Druggable Genome

Protein Pathways: Insulin signaling pathway

17q25.1

MW: 80.5 kDa

Gene Summary: The protein encoded by this gene is a component of the exocyst complex. The exocyst

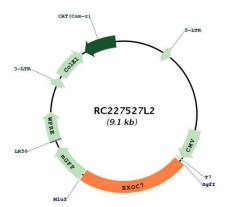
complex plays a critical role in vesicular trafficking and the secretory pathway by targeting post-Golgi vesicles to the plasma membrane. The encoded protein is required for assembly of the exocyst complex and docking of the complex to the plasma membrane. The encoded protein may also play a role in pre-mRNA splicing through interactions with pre-mRNA-processing factor 19. Alternatively spliced transcript variants encoding multiple isoforms have

been observed for this gene, and a pseudogene of this gene is located on the long arm of

chromosome 4. [provided by RefSeq, Nov 2011]



Product images:



Circular map for RC227527L2