

Product datasheet for RC213441L3

OriGene Technologies, Inc.

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ORP1 (OSBPL1A) (NM_080597) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ORP1 (OSBPL1A) (NM_080597) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: ORP1

ORP-1; ORP1; OSBPL1B Synonyms:

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC213441).

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_080597

ORF Size: 2850 bp





ORP1 (OSBPL1A) (NM_080597) Human Tagged Lenti ORF Clone - RC213441L3

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 080597.2

RefSeq Size: 4165 bp
RefSeq ORF: 2853 bp
Locus ID: 114876
UniProt ID: Q9BXW6
Cytogenetics: 18q11.2

Domains: Oxysterol BP, PH, ANK

MW: 108.3 kDa

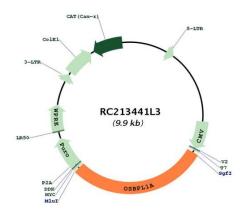
Gene Summary: This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of

intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain, although some members contain only the sterol-binding domain. Transcript variants derived from alternative promoter usage and/or alternative splicing exist; they encode different isoforms. [provided by

RefSeq, Jul 2008]



Product images:



Circular map for RC213441L3