

Product datasheet for RC209355L3

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OriGene Technologies, Inc.

LACRT (NM_033277) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: LACRT (NM_033277) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: LACRT

Mammalian Cell Puromycin

Selection: Vector:

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

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

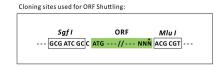
ORF Nucleotide

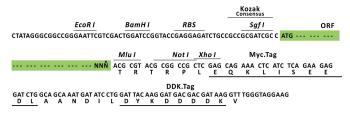
The ORF insert of this clone is exactly the same as(RC209355).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_033277

ORF Size: 414 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.

12q13.2

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 033277.1</u>

 RefSeq Size:
 508 bp

 RefSeq ORF:
 417 bp

 Locus ID:
 90070

 UniProt ID:
 Q9GZZ8

Protein Families: Secreted Protein

MW: 14.2 kDa

Cytogenetics:

Gene Summary: The protein encoded by this gene is highly expressed in the lacrimal glands and localized

primarily to secretory granules and secretory fluid. It augments lacrimal acinar cell secretion, promotes ductal cell proliferation, and stimulates signaling through tyrosine phosphorylation

and release of calcium. [provided by RefSeq, Jul 2008]