

Product datasheet for MR204596L1

Lyve1 (NM_053247) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Lyve1 (NM_053247) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Lyve1

Synonyms: 1200012G08Rik; Crsbp-1; Lyve-1; Xlkd1

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

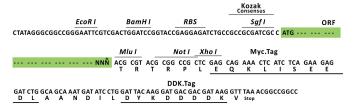
ORF Nucleotide The ORF insert of this clone is exactly the same as(MR204596).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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



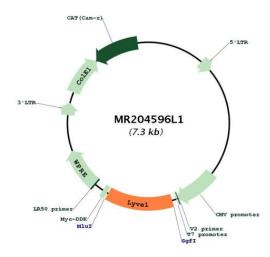
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Plasmid Map:



ACCN: NM_053247

ORF Size: 957 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts

of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by

calling 301.340.3188 option 3 for pricing and delivery.

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.

at the bottom.

5. Store the suspended plasmid at -20 $^{\circ}$ C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 053247.4</u>, <u>NP 444477.2</u>

 RefSeq Size:
 2607 bp

 RefSeq ORF:
 957 bp

 Locus ID:
 114332

 UniProt ID:
 Q8BHC0

Cytogenetics: 7 E3

Gene Summary: Ligand-specific transporter trafficking between intracellular organelles (TGN) and the plasma

membrane. Plays a role in autocrine regulation of cell growth mediated by growth regulators containing cell surface retention sequence binding (CRS). May act as a hyaluronan (HA) transporter, either mediating its uptake for catabolism within lymphatic endothelial cells themselves, or its transport into the lumen of afferent lymphatic vessels for subsequent re-

uptake and degradation in lymph nodes.[UniProtKB/Swiss-Prot Function]