

Product datasheet for MR201613L3

Fgl1 (BC029734) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Fgl1 (BC029734) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Fgl1

Synonyms: Mfire1

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(MR201613).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: BC029734 **ORF Size:** 540 bp



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Fgl1 (BC029734) Mouse Tagged Lenti ORF Clone - MR201613L3

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: BC029734.1

RefSeq Size: 1104 bp

RefSeq ORF: 542 bp

Locus ID: 234199

Cytogenetics: 8 A4

Gene Summary: Immune suppressive molecule that inhibits antigen-specific T-cell activation by acting as a

major ligand of LAG3 (PubMed:30580966). Responsible for LAG3 T-cell inhibitory function

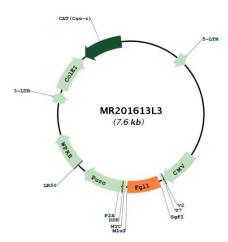
(PubMed:30580966). Binds LAG3 independently from MHC class II (MHC-II)

(PubMed:30580966). In addition to its role in inhibiting inflammatory immune responses, also plays a role in hepatocytes (By similarity). Under normal physiological conditions, primarily secreted from hepatocytes and contributes to its mitogenic and metabolic functions (By

similarity).[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR201613L3