

Product datasheet for MR201464

Lgalsl (NM_173752) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lgalsl (NM_173752) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lgalsl
Synonyms: 1110067D22Rik; A530071M23; Grpa; Hspc159; Lgalsla
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201464 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGGTCGGTGGCCGACAGCGACGCCGTGGTGAACCTTGATGATGGGCACTAAACAACCTCTTGG
GTTCTCCAGTTCAAGCCGACGTGTACTCCACGACTGATAGTTCATTTGTGGGCACATTAAAGGTGG
CATGAGACCAGGCAAGAAGGTATTAGTGATGGGCATCGTAGATCTCAACCCGAAAGCTTTGCCATCAGC
TTGACCTGTGGAGACTCTGAAGATCCTCCTGCCGATGTGGCAATTGAACTCAAAGCTGTGTTACAGACC
GGCAGCTGCTCAGAACTCTTGATCTCAGGAGAAAGAGGCGAGGAGCAGTCGGCAATCCCTTACTTTCC
ATTCATCCAGACCAGCGTTTCAGGGTGGAGATTTCTTTCGAGACCCAGTTTCAGAGTGTGTTGGAT
GGACACCAACTTTTTGATTTTTATCACCGTATTCAAACATTATCTGCAATTGACACCATAAAGATCAATG
GGACCTCCAGATCACCAAACCTTGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201464 protein sequence
Red=Cloning site Green=Tags(s)

MAGSVADSDAVVKLDDGHLNNSLGSPVQADVFPRLIVPFCGHIKGGMRPGKKVLMGIVDLNPESFAIS
LTCGDESDPPADVAIELKAVFTDRQLLRNSCISGERGEEQSAIPYFPFIPDQPPRVEILCEHPRFRVVD
GHQLFDYHRIQTL SAIDTIKINGDLQITKLG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_173752

ORF Size: 519 bp

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_173752.4](#), [NP_776113.1](#)

RefSeq Size: 3635 bp

RefSeq ORF: 519 bp

Locus ID: 216551

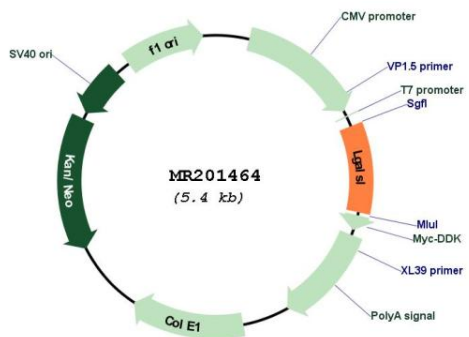
UniProt ID: [Q8VED9](#)

Cytogenetics: 11 13.53 cM

MW: 19 kDa

Gene Summary: Does not bind lactose, and may not bind carbohydrates.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201464