

Product datasheet for **MR200739**

Lgals2 (NM_025622) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lgals2 (NM_025622) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lgals2
Synonyms: 2200008F12Rik; AI324147
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200739 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGAGAAATTTGAGGTCAAAGACCTGAACATGAAACCAGGGATGTCCCTGAAGATTAAGGGAAGA
 TCCACAATGATGTGGACCGCTTCCTCATTAACCTGGGCCAGGGGAAAGAAACCCTCAACCTGCATTTTAA
 CCCTCGCTTCGATGAATCCACCATTGTCTGTAAACACAGTGAAGGTGGCCGCTGGGGACAAGAGCAACGA
 GAAAATCACATGTGCTTCAGTCCAGGGTCAGAGGTCAAGATCACCATCACCTTCCAAGATAAAGACTTCA
 AGGTGACGTTGCCTGACGGACACCAGCTGACCTTCCCCAACAGGCTGGGCCACAGCCAACCTGCACTACTT
 GAGCATGGGTGGGCTCCAGATCTCTCTTCAAACCTGGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200739 protein sequence
 Red=Cloning site Green=Tags(s)

MSEKFEVKDLNMKPGMSLKIKGKIHNVDVDRFLINLGQKETLNLHFNPRFDESTIVCNTSEGGRWGQEQR
 ENHMCFSFGSEVKITITFDKDFKVTLPDGHQLTFPNRLGHSQQLHYLSMGGQLQISSFKLE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM 025622

ORF Size: 393 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_025622.1](#), [NM_025622.2](#), [NM_025622.3](#), [NP_079898.1](#)

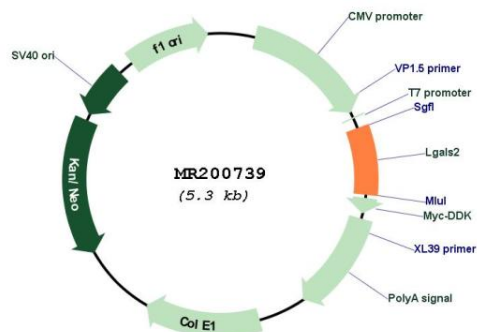
RefSeq Size: 607 bp

RefSeq ORF: 393 bp

Locus ID: 107753

UniProt ID: [Q9CQW5](#)
Cytogenetics: 15 E1
MW: 14.9 kDa
Gene Summary: This protein binds beta-galactoside. Its physiological function is not yet known.
 [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200739