

Product datasheet for **RR202308**

Lgalsl (NM_001134730) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lgalsl (NM_001134730) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lgalsl
Synonyms: Hspc159; RGD1307414
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR202308 representing NM_001134730
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGGGTCGGTGGCCGACAGCGACGCCGTCGGTAACTTGATGATGGGCACTTGAACAACCTCCCTGG
 GTTCTCCGGTTCAAGCCGACGTGTACTTCCACGACTGATAGTTCATTTTGTGGGCACATTAAGGTGG
 CATGAGACCAGGCAAGAAGGTATTAGTATGGGATCGTAGATCTCAACCCGAAAGTTTTGCCATCAGC
 TTGACCTGTGGTACTCTGAAGATCCTCCTGCCGATGTGGGATTGAACTCAAAGCTGTGTTACCGACC
 GGCAGCTCCTCAGAACTCTTGTATATCAGGAGAAAGAGGCGAAGAGCAGTCAGCAATCCCTTACTTTCC
 GTTCATCCCGACCAGCCGTTCCAGGGTGGAGATTCTGTGCGAACACCCTCGCTTCAGAGTGTGTTGGAT
 GGACACCAGCTCTTTGATTTTTACCATCGTATCCAACGTTATCTGCAATTGACACCATAAAGATCAATG
 GGGACCTCCAGATCACCAAACCTGGC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR202308 representing NM_001134730
 Red=Cloning site Green=Tags(s)

MAGSVADSDAVVKLDDGHLNNSLGSPVQADVYFPRLLIVPFCGHIKGGMRPGKVLVMGIVDLNPESFAIS
 LTCGSEDPPADVAIELKAVFTDRQLLRNSCISGERGEEQSAIPYFPFIPDQPFPRVEILCEHPRFRVVD
 GHQLDFYHRIQTL SAIDTIKINGDLQITKLG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

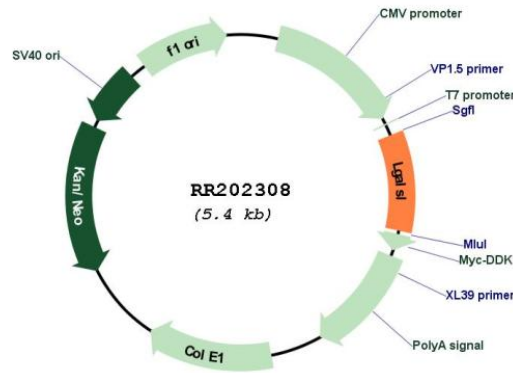
Restriction Sites: SgfI-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM_001134730

ORF Size: 516 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:	<ol style="list-style-type: none">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:	<u>NM_001134730.1</u> , <u>NP_001128202.1</u>
RefSeq Size:	3534 bp
RefSeq ORF:	519 bp
Locus ID:	360983
Cytogenetics:	14q22
MW:	19 kDa