

Product datasheet for **RN211431**

Llgl1 (NM_152844) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Llgl1 (NM_152844) Rat Untagged Clone
Tag: Tag Free
Symbol: Llgl1
Synonyms: Llglh; Mgl1; Rgl1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211431 representing NM_152844
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATGAAGTTTCGGTCCGGCCGAGGGCGCAGACCCGAGCGCGAGAAGCTCAAGCAGGAGCTTTCA
CCTTCCACAAGACTGTGGAGCATGGCTTCCCAACAGCCAGCGCCTTGGCCTTCGACCCGGAGCTTCG
CATCATGGCCATCGGCACCAGATCTGGGGCTGTCAAGATCTATGGGGCACCCGGAGTGGAATTTACAGGC
CTACACCGGGATGCGGCCACTGTACCCAGATGCATTTCCCTGCCTGGTCAGGGCCGACTTCTGACCCGT
TAGACGACAGCAGCTTACATCTGTGGAAATCATCCAGCGTAATGGCTGTGCCATCTGGAGGAAGGGCT
CAGCTTCCACCCACCCAGCCGGCCAGTTTTGGCAATGCCAGTTTCCCTGCCGGTCTAACCCGAGTCACT
GTGGTCTGTGGCAGCTGGCGATACCGTGGTTCTGGGGACCGAGAGTGGTAGCATATTCTTCTGGATG
TCGCCACCCTGGCACTGCTGGAGGGCAGACTCTCAGCCAGATGAGGTCTGCGCAGCGTGCCAGATGA
CTACCGGTGTGAAAGGCCTTGGGCCCTGTGGAGTCACTCCAGGGACATCTGCAAGACCCAGCAAGATC
TTATAGGCTATAGTCGGGGCTTACTGGTCATCTGGAGCCAGGCCACACAGTCTGTGGAGCACGTTTTCC
TGGGTAACCAGCAGCTGGAGAGCCTGTGTGGGGCGTGGTGGCAGCAACATTATCAGTCACATAGTGA
TGGCAGCTATGCCATCTGGTCCACAGACTGGCAGCCCCCAACGCTTACGCCACTGTAGTGACCACA
CCTTATGGCCCTTCCCTGCAAGGCCATCAACAAGATTCTGTGGCGGAGCTGTGAGTCAGGAGACCACT
TTATCATCTTCAGTGGTGGCATGCCTCGAGCCAGCTATGGTGACCGCCACTGTGTGAGTGTACTGCGGGC
AGAGACTGTTGACCCTAGACTTACCTCCCCTGTCATTGACTTCTTACGGTGCACAGCACACAGCCA
GAGGATGGTTTTGACAACCCCAAGGCCCTAGCCGTGCTTCTGGAGGAAGAGCTGGTGGTGTGGACCTGC
AGACACCAGGCTGGCCAGCTGTGCCTGCCCTTACCTGGCTCCACTGCATTCATCAGCGATCACCTGCTC
TGCCCATGTTGCCAATGTGCCAGCAAGCTGTGGGCCCGCATCGTAAGTGTGGCAGCGGCAGAGCCCA
CAGCCTGCCTCCAGTGCCTTGAAGTTGGCCATTACTGGGGCCGGAAGTGGCCAGGAACCTCGCAGC
GTGGGCTACTGTGACCGCCATGAGGATGGCACTGTGCGGTTCTGGGACGCCTCTGGTGTGGCGCTAAG
GCCACTTACAACTGAGCACAGCTGGCCTCTTTCAGACGGACTGCGAACATGCTGACAGCCTGGCTCAG
GCTGTGGAGGATGACTGGCCGCCCTTCCGAAGGTGGGCTGCTTTGATCCCTACAGTGATGATCCCCGGC



TAGGAATCCAGAAGGTTGCGCTTTGCAAGTACACAGCCCAGATGGTGGTGGCTGGCACAGCAGGCCAGGT
 GCTGGTGTGGAGCTCAGTGACGTGCCGGGAGAGCACACCCGTAGTGTGGCCAGTGTGGATCTTCTCCAG
 GATCGGGAGGGCTTACAGTGGAAAGGGCCACGAGCGACTGAGCCCCGACACGGGACCGTTGCCTTGGCCTG
 CCGGGTTCCAGCCTCGCGTGTGATACAGTGCCTGCCGCCGCTGCTGTTACTGCTGTTGCACTCCATGC
 TGAGTGGAGCCTCGTGGCCTTTGGGACCAGTCATGGCTTTGGCCTTTTGGACTACCAGCGCAAGAGCCCT
 GTGCTGGCCAGGTGTACCCTTACCCCAATGACTCTCTGGCCATGGAGGGGCCACTGTCCCGGGTGAAGT
 CCTCAAGAAGTCACTGCGACAGTCATCCGGCGTATCCGCAAGAGCCGTGTCTCAGGCAAAAAACGGGC
 TACCCTGCCAGCAGCAAGTTGCAGGAGGCAATGCACAGCTGGCAGAGCAGACATGCCACACGACGTG
 GAGATGACACCTGTGCAGCGCCGCATCGAGCCTCGCTCTGCTGATGACTCCCTTTCTGGTGTGTACGCT
 GCCTCTACTTTGCTGACACATTCCTTCGAGATGCGACCCACCATGGGCCACCATGTGGGACGGCACCAA
 CTCGGGCTCTGTATTTGCCTATGCGCTGGAGGTTCCAGCAGCCACGGCAGGTGGTAAAAGCGGCTGAG
 CAGGCAGTGGAGGCTGTGCTGGCAAGGAGGTGCAACTAATGCATCGGGCACCCGTGGTGGCCATTGCTG
 TGTTGGATGGCCGTGGCCGTCCGCTGCCTGAGCCGTATGAGGCTTCCCGGACCTGGCCAGGCCCAGA
 CATGCAAGGCGGCATGCTGTGCTCATTGCATCTGAGGAACAATCAAGGTGTTCACTACCCAAGGTG
 AGTGCTAAGACTAAATCAAGCTTACAGCCATGAAGGCTGTCGTGTGCGGAAGGTAGCCCTGGCTACAT
 TTGCCAGCGTGTCTGAGGACTATGCCGAGACTGCCTTGCCTGCCTACCAACTGGGTGATGTCCA
 CGTCTTCTCGGTGCCTGGCCTGAGGCCTCAGGTGCACTACTCCTGTATCCGGAAGGAGGACATCAGTGGC
 ATCGCTTCTGTGCTTTCACACGTACGGCCAGGGCTTTTACTTGATTTCTCCATCGGAATTTGAGCGCT
 TCTCACTGAGTGTGCGAACATCACAGAACCCTATGTTCTCTGGATATAAGCTGGCCCCAAAATGCCAC
 CCAGCCCAGGCTTCAAGAGTCACCCAAGCTGAGCCAGGCTAATGGGACCAGAGACATCATTCTGGCCCCA
 GAGAGCTGCGAAGGAAGCCCTAGCTCTGCCACAGCAAGCGAGCTGATACCATGGAACCCCGAGGCCG
 CTCTCTCGCCTGTGTCCATTGATTACAGTGTAGTGGGATACCATGCTGGACACAACAGGGGATGTCAC
 CGTGGAATATGTGAAGGATTTTCTGGGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_152844

Insert Size:

3111 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_152844.1, NP_690057.1

RefSeq Size:

3111 bp

RefSeq ORF:

3111 bp

Locus ID: 54265

Cytogenetics: 10q22

Gene Summary: WD-40 containing protein, homologous to a tumor suppressor in Drosophila, lethal (2) giant larvae [RGD, Feb 2006]