

Product datasheet for RN212462

Llgl2 (NM_001127549) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Llgl2 (NM_001127549) Rat Untagged Clone
Tag: Tag Free
Symbol: Llgl2
Synonyms: RGD1560307
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212462 representing NM_001127549
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCGGTTCTCTGAGAACTGGACATGACCCTGCCCGGAAAGGCTAAAGCGGGATCTGTTCCAGTTCA
ACAAGACAGTGGAGCATGGCTTCCACACCAGCCAGCGCCCTCGGCTATAGTCCTTCACTGCGCATCCT
GGCCATCGGTACCGCTCTGGAGCTGTCAAATATATGGTGCCCGGGGTAGAGTTCATGGGGTTCAC
AAAGAGAAACAACGCTGTGTTGCAGATCCACTTCCGCTGGTCAGTGTCAGCTGGTCACTCTGCTGGATG
ACAACAGCTGCACCTGTGGAGCCTGAAGGTCAAGGGTGGGGTGTGAGAGCTGCAGGAAGAGAGAGCTT
CACTTTGCGTGGCCCCCAGGGGCGCCCCAGTGCCACGCAGATCACTGAGATCCTACCTCACTCCTCC
GGAGAAGTGTCTACCTGGGCACCGAGAGCGGCAGTGTGTTTGTGGTGGGCTGCCTGGGTTCTGCGCAC
TGCACGACAGGACCATCAGTTCAGACGAGGTGCTGCAATGGTTGCCAGAGGAGGCCCGGCACCGGCGAGT
GTTGAGATGGTGGAGGCTCTGCAGGAGCACCCAGAGACCCCAACAAATCCTCATTGGCTACAGCCGA
GGCCTCGTCGTCATCTGGGACCTCGGGCAGTCGAGTGTCTCAGCCACTTCTGAGCCACCAGCAACTGG
AGAACGTCAGCTGGCAGCGGGATGGCTGCCTGATTGTACCTGCCACTCTGACGGCAGCCACTGCCAGTG
GTCCGTGCCAGTGACACCCAGAGCCAGAACCTCTGCGCAGTTCTGTACCTTACGGTCTTTTCTCTTGC
AAAGCTATCACAAAATCTTCTGGCTTACCACCAGGCAAGGGTTGCCCTTACCATCTTCCAGGGCGGTA
TGCCCCGGGCCAGCTACGGGGACCGCCACTGCATCTCAGTGGTCCACAATGGCCAGCAGACGCCTTTGA
CTTACCTCCCGTGTCTGACTTACCGTTCTCATGGAGGCTGACCCTGTGGTGCCTTTGATGACCCC
TACGCCCTGGTGGTGTGCTGCCGAGGAGAACTGGTGGTATTGACCTGCAGACACCCGGCTGGCCGCCAG
TCCAGTGCCTACCTGGCTTCCCTGCACTGTTACGCCATTACCTGCTCCCATCATGTCTCCAACATCCC
CCTGAAGCTGTGGGAACGAATCATCGCTGCCGGCAGCCGCGAAGTCCGACTTCTCCACCATGGAGTGG
CCCATAGATGGTGTACCAGCCTGGCCCCGCTCCACCGCAGAGGGACCTGCTGCTCACAGGGCAGGAGG
ATGGCACAGTGGGTTCTGGGACGCTCGGGTGTCTGTTACGGCTGCTGTACAACTCAGTACCGTGAG
GGTGTTCCTTACAGACACAGACCTCAGCGAGAACCTCAGCGCCAGGGTGGAGACGAGTGGCCCCACTC
CGCAAGTGGGCTCTTTGATCCCTACAGTGATGATCCACGGCTGGGCATCCAGAAGATTTCTCTGCA



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AATACAGTGGCTACCTGGCTGTGGCAGGCACGGCAGGGCAGGTGCTGGTGGCTGGAGCTGAACGATGAGGC
GGCAGAGCACGCCGTGGAGCAGGTGGAGGCTGACCTGCTGCAGGACCAGGAGGGCTACCGCTGGAAGGGC
CACGAGCGCTCGCCGCCCGCCCGGGCCCGTGCCTTTGAGGCAGGCTTTCAGCCCTTTGACTGGTGC
AGTGCCAGCCCCAGCTGTGGTCACCTCCCTGGCCCTGCACTCTGAGTGGCGGCTTGTGGCCTTTGGCAC
CAGCCACGGTTTCGGCCTCTTCGATCACCAGCAGCGGCGGAGGTCTTTGTCAAGTGCACACTTCACCCC
AGTGACCAGCTGGCCTTGGAGGGCCCGTGTCCCGCGTAAAGTCCCTCAAGAAGTCCCTACGTCAGTCAT
TCCGTCCGATGCGCCGACGACGGCGTCCAGTCATAAACGGCGGCTGGTGGCCCCACGGCGAGGCGCA
GGCTCAGGCTGTGAACCAAGGCAGAACGGACAGGGCTGCAGAACATGGAGCTGGCACCTGTACAGCGC
AAGATCGAGGCCGCTCAGCAGAGGACTCCTTACCCGGCTTTGTTCCGACCCTCTATTTTGTGACACCT
ACCTGAGGGACAGTTCGCCCACTGTCCCTCGCTGTGGGCTGGCACCAATGGAGGCACCGTCTATGCCTT
CTCCCTGCGCGTACCTCTGCAGAAAGGAGAGCGGATGAGCCTGTGCGGGCAGAGCAGGCCAAGGAGATC
CAGCTGATGCATCGTGCACCTGTGGTGGGCATCCTGGTGTGACGGACACAACGTACCCCTTCCCGAGC
CCCTGGAAGTAGCCATGACCTGTCCAAGAGCCCAGACATGCAAGGAAGCCACCAGCTGCTTGTGGTGC
AGAGGAGCAATCAAGGTGTTACGCTGCCAAGGTGAGCGCAAGCTGAAGCTGAAGCTGACGGCCCTG
GAAGGCTCGCGGTTTCGACGAGTCGGGTTGCCACTTCGGCAGCTGCAGGGCGGAGGACTATGGGGAGC
ACCACCTGGCAGTGTCAACATTTGGGTGACATCCAAGTGGTCTCAGTGGCCCTGCTCAAGCCCCAGGT
GCGGTACAGCTGCATCCGCCGGGAGGATGTCAAGTGAATAGCCTCCTGCCTTCCACCAAGTACGGCCAA
GGCTTCTACCTGATATCACCTTCGGAGTTTCGAGCGCTTTTCTCTCCACCAAGTGGCTGGTTGAGCCCC
GGTGTGGTGGATTGAGCCAAAGCCAGGAACCAACCCGGCCAGTAATGGCAATAGCACAGGCCCCAA
AAGGACCTCCGGCCAAGTCAGGAACACGAGGAGCAGAGTGATGGAGCAGAGACGAAGCCCGGCCAGTG
ATGGAGCAGCAGTGTGCTGAGCAGTGGTCTAAAGGAAGTCCAGAGCAGCTAGAGGGGGACCAGG
GGAGCTGTGGCAATTGGCGCTCTACCCGTGTGGTGTGGTTCAGGCTGAGCAATGGCGAAGCAGAGTG
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001127549
Insert Size:	3081 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:	<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_001127549.1, NP_001121021.1</u>
RefSeq Size:	3555 bp
RefSeq ORF:	3081 bp

Locus ID: 360661

Cytogenetics: 10q32.1