

Product datasheet for **RN201365**

Lgi2 (NM_001107219) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lgi2 (NM_001107219) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lgi2
Synonyms:	MGC189141
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201365 representing NM_001107219
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCTACGGAGAGGCGGGCGCTGGGGCTGCTGCTGAGCGCCGCTGCCTCATCCCGCCGA
 GCGCGCAGGTGAGGCGGTTGGCGCGCTGCCCGCCACTTGCAGCTGTACCAAGGAGTCCATCATCTGCGT
 GGGCTCCTCTTGGGTGCCTAGGATCGTGCCTGGCGACATCAGCTCCCTGAGCCTAGTAAATGGAACATTT
 CTGAAATCAAGGACCGAATGTTTTCCCATCTGCCTTCCCTACAGCTGCTATTGCTGAATTTAACTCCT
 TCACGGTGATCCGGGATGATGCCTTTGCTGGCCTTTTTTCATCTTGAATACCTGTTCAATGAAGGAAACA
 AATAGAAACCATTTCAAGAAATGCCTTTCCGGGCTCCGTGACCTGACTCACCTTTCTTTGGCCAACAAC
 CACATTAAGCACTTCAAGGGACGTGTTACGCGATCTGGATTCCCTGATTGAAGTACAGCTTAAGGGGTA
 ATAAATTTGAATGTGACTGCAAAGCCAAATGGCTGTATCTGTGGTGAAGATGACAAATCCACGGTGTG
 TGATGTGCTGTATCGGTCCACCAGAATACCAGGAGAAGAACTCAACGACGTGACCAGCTTTGACTAT
 GAGTGCACCACCAGATTTTGTGCTTATCAGACTCTGCCATACCAGTCCGGTGTGAGTAGACACGTTCA
 ACTCCAAGAATGACGTGTACGTGGCCATCGCACAGCCTAGCATGGAGAATGTATGGTGTGGAGTGGGA
 CCATAGAAATGAATTTCCGGAGTTATGACAATATCACAGTCCATCGTGGGCTGCAAGGCCATC
 CTCATTGATGACCAGGTCTTCTGTTGGTAGCCCAACTCTTTGGTGGCTCCCACATTTACAAATACGACG
 AGAGCTGGACAAAGTTTGTCAAGTTCCAAGACATAGAGGTATCTCGAATTTCAAGCCCAATGACATCGA
 GCTGTTTGAGATCGACGATGAGACGTTCTTCATCATCGCTGACAGCTCGAAAGCGGGGCTGTCCACAGTA
 TACAAATGGAGCAGCAAAGGGTTTTACTCCTACCAGTCACTACATGAGTGGTTCAGGGACACGGATGCAG
 AGTTTGTGACATTGATGGGAAGTCACACCTCATCCTGTCTAGCCGCTCCAGGTTCCCATCATCTTGCA
 GTGGAATAAAAGTTCCAAGAAGTTTTGCCCTCATGGCGACATCCCAACATGGAGGATGTGCTGGCTGTG
 AAGAGCTTCCGAATGCAGAACCCCTGTACCTTTCCCTCACGCGTTCATCGGGACTCTCGGGTATGC
 GGTGGAACAGTAAGCAGTTCGTGGAGTCCAGGCTCTTCCGTCGCCGGGGGCCATGACCTTGCAACCCTT
 CTCCTTCAAAGAGAACCCTACCTGGCCCTGGGGAGTACTACACGTTCTCACAGATATACCAGTGGGAT
 AAAGAGAAACAGCAGTTTTAAAAGTTTAAAGAAATCTATGTGCAGGCGCCCGCTCCTTACAGCTGTCT
 CCACCGACAGGAGAGATTTCTTTTTGCGTCCAGTTTCAAAGGGAAGACAAGATTTTTGAACATATCAT
 TGTTGATTTAAGTTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107219
- Insert Size:** 1629 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_001107219.2](#), [NP_001100689.2](#)

RefSeq Size: 1783 bp

RefSeq ORF: 1629 bp

Locus ID: 305417

Cytogenetics: 14q11