

Product datasheet for **RN213915**

Lgi3 (NM_001107277) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lgi3 (NM_001107277) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lgi3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213915 representing NM_001107277
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCCCGGTACGAGCCAGGCGGGCCCTATGTGCCGGCTACTGGTGTGTCCACGTTGGGTTTTTACC
 TAATGCTGCAAGCCAGTGCCAAGAGGCCTCCTAAGACGCCCCCTGCCACCCAGCTGCTCCTGCACCAG
 GGATACAGCCTTCTGCGTGGACTCTAAGTCGGTGCCCAAGAACCTGCCTTCAGAGGTCATCTCCCTGACA
 CTGGTGAATGCTGCCTTCTCAGAGATCCAGGACGGAGCCTTCTCCACCTGCCACTGTTGCAGTTCTTGT
 TACTCAACTCCAACAAGTTCACGCTGATTGGAGACAACGCCTTCACAGGACTGTCGCACCTGCAGTACCT
 CTTCATAGAAAACATGATATCTGGGGTCTCTCCAAGTTTACCTTCAGAGGATTGAAGTCCTTGACACAC
 CTCTCTCTGGCCAACAATAACCTCCAGACACTGCCAGAGACATCTTCGTCCTCCCTGGACATCTTGAGTG
 ACTTGACCTCCGGGGCAACGCACCTTAAGTGTGACTGCAAGGTAAAGTGGCTGGTGGAGTGGCTGGCACA
 CACCAACACCACAGTGGCCCCATCTACTGTGCCAGCCCGCCCGCTTCAGGAGCACAAGTGCAGGAC
 TTGCCTCTTCGGGAATTCGACTGTATCACCAGTATTTTGTCTCTACCAGACTGTCTCTCCAGCAG
 TGTCTGCAGAACCCTTCCTTTACTCCAGTGACCTCTATTTGGCTCTGGCCAGCCTGGTGGCAGCGCCTG
 CACCATCCTCAAGTGGGACTATGTGGAACGACAGCTTCGTGACTATGATAGAATTCAGCCCCCTCAGCT
 GTGCACTGCAAGCCAATGGTGGTGGATGGCCAGCTCTATGTAGTCGTGGCCAGCTGTTCCGTGGCTCAT
 ATATTTACCACTGGGACCCGAACACCACCCGCTTCACCAAGCTGCAGGACATCGACCCACAGCGCGTGCG
 CAAACCAATGACCTGGAAGCTTCCGCATCGATGGTGGTCTTCGCGGTGGCTGACAGTTCCAAA
 GCAGGTGCCACAGCCTCTACCGTTGGCACCAGAATGGCTTCTATTCCCACAGGCCCTGCACGCTGGC
 ACCGCGACACTGACCTGGAGTTTGTGGATGGTGAGGGCAAGCCACGTTGATTGTGTCTAGCAGTTCTCA
 GGCACCTGTCTATCAATGGAGTCGTACTCAGAAACAGTTTGTGGCTCAGGGAGAGGTGACTCAGGTG
 CCTGATGCCAGGCTGTGAAACACTTTCGTGCTGGCCGAGACAGCTACCTGTGCCTTAGCCGCTATATTG
 GTGACTCCAAGATCCTGCGCTGGGAGGGTACCGTTTCTCAGAGGTGCAAGCCCTTCCCTCCCGAGGTTT
 ACTGGCCCTACAGCCCTTCTGGTGGGCGGTACCGCTACCTGGCACTGGGCAGTGACTTCTCTTACC
 CAGATCTACCAGTGGGATGAGGGGCGACAGAAATTTGTACGGTTCCAAGAACTGGCAGTACAGGCCCTC
 GGGCCTTCTGCTACATGCCTGCTGGAGATGCCAGCTGCTCTGGCCCCAGTTTCAAGGGACAAACACT
 GGTTTACCGACATGTTGGTGGACCTTAGTGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107277

Insert Size: 1647 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_001107277.1, NP_001100747.1

RefSeq Size: 3319 bp

RefSeq ORF: 1647 bp

Locus ID: 306013

Cytogenetics: 15p11