

## Product datasheet for MC206590

### Llgl2 (BC037226) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Llgl2 (BC037226) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Llgl2
Synonyms:	MGC27928, Llglh2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC037226

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AGCCCGTGGCCGGAGCAGGGAACCCGAGTGGTGGGTGACGGCCGCTGAGGGACGCCGAGGCCCTCGGGC
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CCGCCCCGGGGCCCGTGTGCTTTGAGGCGGGATTTCAAGCCCTTTGTACTGGTGCAGTGCCAGCCCCAGCT
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TGGGCTGGGTTTTAAATTATAAATTTTAAACCACCTCAAGTAAAAGTGGTTTTTAAATAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** EcoRI-NotI
- ACCN:** BC037226
- Insert Size:** 3084 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:** [BC037226](#), [AAH37226](#)
- RefSeq Size:** 3538 bp
- RefSeq ORF:** 3084 bp

**Locus ID:** 217325

**Cytogenetics:** 11 E2

**Gene Summary:** Part of a complex with GPSM2/LGN, PRKCI/aPKC and PARD6B/Par-6, which may ensure the correct organization and orientation of bipolar spindles for normal cell division. This complex plays roles in the initial phase of the establishment of epithelial cell polarity (By similarity). [UniProtKB/Swiss-Prot Function]