

## Product datasheet for **RN208592**

### Gli2 (NM\_001107169) Rat Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | Gli2 (NM_001107169) Rat Untagged Clone   |
| Tag:                      | Tag Free   |
| Symbol:                   | Gli2   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >RN208592 representing NM_001107169<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGACACCAGGAGGGAAGGTACCATTATGACCCTCACCTGTCCACGGTGTGCACGGGCTCCCACGC  
TAAGTGGCAGTCTGTCTCATCTCAGATATCTCCTTGATACGACTTTCTCCACACCTGTGGCCCTGGAGA  
ATCGCCCTTCAGCGCCCACCACCCTACATGAACCCACATGGAGCACTACCTCCGGTCTGTGCACAGC  
AGCCCCACACTCTCAATGATCTCTGCCGCCAGGGGCTCAGCCCTGCTGATGTGGCCATGAACATCTGA  
AAGAGAGGGGACTATTTAGTCTCGTGGCCAGCCACCAACCCTCAGACTATTACCACAGATGACCTC  
CATGGCAAGCCACCCACACCCTACGGGGACATTCTAATGCAAAGTGCGGTGCTGCTAGCGCACCCAT  
CTCCATGACTACCTCAACCCTGTGGATGCATCACGATTCTCCAGCCACGTGTGACCCCGGACTGAGCC  
GCAAGCGGGTCTATCCATCTCCCGCTCTCAGATGCCAGCCTTGACCTACAGCGCATGATCCGGACCTC  
TCCCAACTCACTGGTAGCCTACATCAACAACCTCCAGGAGCAGCTCAGCAGCCAGCGGTTCTTACGGGCAT  
CTGTGAGTGGTGGCCTCAGCCAGCCTTACCTTCCCCACCCCATCAATCCCGTGGCGTACCAGCAGA  
TCCTGAGCCAGCAGCGGGGCTGGGTTGAGCCTTTGGACATACACCACCCTGATCCAGCCTTACCCAC  
CTTCTTGGCTCAGCAGCCATGACTCTCACCTCCATCACCGTGCCTACCCAGCTAGGCAGCAATAGCAGC  
AACTGTATAAGTGATGCCAACCAGAATAAGCAGAACAGCGAGTCGGCCGTGAGCAGCACCGTGAACCCCA  
TCACCATCCATAAGCGGAGCAAGGTCAAGACTGAGGCTGAGGGCTACCGCCAGCCTCCCGCTTGACT  
GACACAGGAGCAACTGGCTGATCTCAAGGAAGATCTGGACAGGGATGACTGTAAGCAGGAGGCTGAAGTG  
GTCATCTACGAGACCAACTGCCACTGGGAGACTGCACGAAGGAATATGACACCCAGGAGCAGCTGGTGC  
ATCACATCAACAATGAGCACATCCACGGGGAGAAGAAGGAGTTCTGTGCGGCTGGCAGGCTGCACGAG  
AGAGCAGAAGCCCTTCAAGGCCAGTACATGCTGGTTGTCCACATGCGCAGGCACACGGGTGAGAAGCCG  
CACAAGTGCACGTTTGAAGGCTGCTCAAAGGCCTACTCTGCCTGGAGAACTTGAAGACACACCTGCGGT  
CCCACAGGGGAGAAGCCCTATGTGTGTAACACGAAGGCTGCAACAAAGCCTTCTCCAATGCCTCGGA  
CCGTGCCAAGCACCAGAACCAGCACTCACTCCAATGAGAAACCTACATCTGTAAGATCCCAGGCTCACT  
AAGAGGTACACAGACCCAGCTCACTCCGCAAGCATGTGAAGACCGTCCACGGGCCAGATGCCCATGTGA  
CCAAGAAACAGCGTAATGATGTGCACCTCCGTGCTCACTGCTCAAGGAGAATGGGGACAATGAGGCCGG



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TGCTGAGCCAGGTGGCCGGGACCCGAGGAGAGTGTGGAGGCCAGTAGCACCAGTCACACTGCGGAGGAC  
 TGCTGCATATCAAAGCCATCAAGACAGAGAGCTCCGGGCTGTGCCAGTCCAGCCCCGGGGCCAGTCAT  
 CCTGCAGCAGCGAGCCCTCTCCCTGGGAGTGTCCCAACAATGACAGTGGCGTGGAGATGCCGGGGAC  
 AGGGCCCCGGGAGTCTGGGAGACCTGACAGCACTGGACGACACGTCTCCAGGAGCTGACACATCAGCCCTG  
 GCTGTACCTTCCACTGGTGGCTGCAGTGCACAAACACATGACCACCATGCATCGCTTTGAGCAGCTGA  
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 GGAGAGACAGCTCCACCAGCACTATGAGCTCAGCCTACACCGTGAGCCGCGCTCTCCGGCATCTCCCC  
 ATACTTCTCCAGCCGCCGTTCCAGCGAGGCTCGCCTCTTGGTGGCATAACGCCGCAACAATGCCAGCTCA  
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 CACACGGCGGGCCAGCGACCCCTGTGCGGGACCTGACCCCTTGTCTGCCTCGAGTGCAACGTTTCCAC  
 AGCATCCACAACATGAATCCAGGTCCGCTGCCCCCTGCACTGATCGGCGTGGCCTGCATTTACAGAGCC  
 ACCCCAGCGTAGATGGCAGCCTGACCCGCCATGCCTACTCTCCGCGACCCCTAGCATCAATGAGAAGCT  
 GGTGATGGAAGCCGTGGCTGCTGGGGTAGAGGGTGCCGGGCTAGAGTCTGACCTGGGGCTGGTGGAGGAT  
 GACCTCGTGTCCAGATGATGTGGTACAGTACATCAAGGCTCACACAGGTGGTGCCTTGGATGACAGCA  
 CACGGCAGGTGTATCCACAGAAGGTACTGGCTCCCCGAGAAGTCTAACTGCCAGTCCCGGGCTACA  
 AGGCCACCGCAGGCTAGCGGCTGCCACTCCAACATGAGCCCTTCTGCTCCTGGGCTGGGAGGCTGCCAG  
 CTGAGCTACAGCCCTCTCCAGCCTCAACAAGCAACATGCCGTGTCAGTGAACGAGGTGAGTTCTG  
 GCACCGTGGATGCCCTGCCACCCAGGTGAAGCCACCCTTTTTCTCAGAGCAAGCTGGTTCAGCAGAA  
 GCCAGCCTTTGCCCACTATCCAGGCTATAGCCACAAGCCCTGCAGAGCGGCTCTGGAGGTCTAGACAGC  
 ACCCAACCACACTACAGCTTCGAGGGGCCCCCTCTGCATCAAGAGGGAGCTACACGCAACAGCCTCGAC  
 TGCCAGCTACAGGCACTCAGTGCCTGGGTGTAAGTGCAGCCATGAGCCCTCAGGCCAACTACAGCCAAAC  
 CCACCACAGCTGAGTCCAAACGTCGTGAGTGGATCTCTGAACCAGTTTGCCTCCTGCAGCAATATG  
 GCAGCCAAAGCCTAGCCACCTGGGACTCCCTCAGCAATGGAAGTGTCCCAATGCCACCATCATAAGT  
 GCCATCAACGGGAAGTTGGGATTGCCAGTTCATCCCTGGCTGCAGTGCACAACCTACCCAGTCTGGG  
 CTATCCCAGCAGGACGGCTACCAACAGGTCTCTGGCCTTCCGTATCCCATCAGCCTAGCTTCATGGAG  
 TCCCAGCAGAACCGGGCTTTGGTCTCATGCAACCTCGGCCGCCCTGGAGCCAAACACAGCTAGTCGTC  
 ACCGAGGAGTACGTTCTGGCCAACAGCAGCAGCAGCTGTATGCCAGGACCCTGGCCAAGCCGTGGTTCAC  
 ATCAGCCAACCAAGAGACAGCAGAAGCTATGCCCAAGGGAACAGCAGGGACCGTGGTATCCCTAACTCCT  
 CAGCCATCTCAGGACACAGGGCGGTACAGGACCAAGAACAGCTCTACTACTATGGCCAGATCCACATGT  
 ATGAACAGAACGGAGGCTGCCAGCCATGCAGCCCCAGCCGCCACAACCACAAGTTGCTCAGACAATAT  
 CCAGCCTGAACCTCTGCCTTACCAGGAGTCAACCAGGTGTCAGCACCCTGGACTCCAGCTCCTGGAG  
 CCCCCCAGATTGACTTTGATGCCATCATGGACGATGGCGATCACTCGAGTTTGTCTCTGGTGCAGTGA  
 GCCCAAGCCTGCTCCACAATCTCTCCAGAATTCTCACGCCTCACCACACCCCGAATTCCCTGACACT  
 GCCCTCCATCCCCGTGGGCATCAGCAACATGGCTGTTGGGGACATGAGTTCATGCTCACCAGCTGGCT  
 GAAGAGAACAAGTTTTTAAACATGATGACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja3172\\_b03.zip](https://cdn.origene.com/chromatograms/ja3172_b03.zip)  
**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001107169  
**Insert Size:** 4443 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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\\_001107169.1](#), [NP\\_001100639.1](#)

**RefSeq Size:** 6146 bp

**RefSeq ORF:** 4443 bp

**Locus ID:** 304729

**Cytogenetics:** 13q11