

Product datasheet for RN217480

Gli1 (NM_001191910) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gli1 (NM_001191910) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gli1
Synonyms:	Gli
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217480 representing NM_001191910 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCAATCCAATGACTTCACCACAAGTCAATAGCTATGGTGAGCCATGCTGTCTCCGACCCCTCCCCA
GCCAAGGGGTCCCAGCATGGGAACAGAAGGACTTTCTGGTCTGCCCTTTTCCACCAAGCCAATTTTAT
GTCAGGGTCCCAGGGTTATGGTCTGCCAGAGAGACCAGCAGCTGCACTGAGGGGTCACTTTTCCTCCT
CCTCGGAGTTCAGTCAAAGTACTAAGAAGCGGGCTTTCCATCTCGCCTCTCTCTGACGCCAGCCTCG
ACCTGCAAACCGTAATCCGTACCTCACCCAGCTCCCTCGTGGCTTTCATCAACTCTCGTTGTACATCTCC
AGGCGGTTCTACGGCCATCTCTCCATTGGCACCATGAGCCCTTCTTTAGGATCCCACCTCAGATGAGT
CACCAGAAAGGAAGTTCACCTCCCTATGGAGTCCAGCCCTGTGTTCCACATGATTCTACTCAGGGTTCAA
TGATGCTTCAACCCAGTCCCAGGACCACGTGCAACCTGCCAGCTGAAGTCAGAGCTGGACATCATGGT
TGGCAAGTGCCAGAGGAACCTTTGGAAGGGGACATGTCTAGCCCCAACTCCACGAGCACACAGGATCAC
CTGCTGGGATGCTGGATGGACGGGAGGACCTGGAGAGAGAGGAGAAACCTGAGCCTGAGTCTGTGTATG
AGACGGACTGCCGCTGGGATGGTTGCAGCCAGGAGTTCGATTCCAAGAAGCAGCTGGTGCACCATCAA
CAGTGAGCACATCCACGGGAGCGGAAGGAGTTCGTGTGCCACTGGGGAGGCTGCTCCAGGGAGCTGAGG
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CGTTTGAAGGCTGTCGGAAGTCTATTACGCCTCGAAAACCTGAAGACACACCTTCGGTGCACACCCGG
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CACCAGAAATAGGACCCACTCCAATGAGAAGCCATATGTGTGCAAACTCCCCGGCTGCACCAAGCGCTACA
CAGATCCCAGCTCGTCCGAAACATGTCAAGACTGTGCACGGTCCGGATGCCACGTGACCAACGACA
TCGAGGGGATGGCCCTTACCACGGGCACAGCCCTCTCCACAGTGGAGCCCAAGCGAGAAAGGGAAGGA
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AATCCTCCTGCAGCAGTACCCTCCCAAGCAGGAGCGCGGCCAACACGACAGCGGCTGGAGATGGC
CGCAACGCAGGGGGCAGCACTGAGGACTTGTCCAGCTTGGATGAAGGACCTTGCCTTGGCGCTACCGGA
CTCTCCACCCCTCGCCGCTTGAAGCCTCAGGCTGGATCAGCTGCATCAGCTCCGGCCAATAGGGTCCC



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GGGGTCTCAAACCTGCCAGCTTAACCCACGCTGGCGCACCTGTGTCTCGACGTCTGGGCCACCGGTCTC
CCTTGACCGCCGAGCAGCAGCTCCAGCAGCATTAGCTCCGCGTACACAGTCAGCCGCCGGTCTCGCTG
GCATCCCCGTTCCCGCCGGGATCCCCACCAGAGAACGGGGCGTCTCACTACCTGGCCTCACACCTGCC
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GACCCACAGCCTCTGTTTTACATCACTCCAGCTCCCTCACCCAGTATCTCCAGTCAGTCCCTACC
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CACAGGACAGCTCAAAGCTCAGCTCCTGTGTAATTACGTTTCAGTCGCAGCAGGAATTGTTGTGGGAGGGC
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TTAGTCAGAGCCCAAGGTCCAGCAGCAGCAGCAGCAGCTACGTTTGGATCTGGCTTTGCATCACC
TGCTTTGGCCAATCACAATCAGTCTCCTATCCTGCCCTTACCCTGCCATGAAACTTTACCATTGGGA
GTAAACAGGCCTCCCATAGGCCAGCAGCACCACCCGGCTTCTGCCCGCTACCACCTTGCTATGGGC
CCCTCAAGGTGGGAGATGCCAACCCAGCTGTGGGCATCCTGAAGTGGGAGGTTAGGAGCAGGCCCTGC
CTTGATCCCTCCCTGAAGGGCAGGTGTGTAACCTCTGGACTCTTTGACCTGGACAACACTCAGCTG
GACTTTGTGGCTATCCTAGATGAAGCTCAAGGGCTGAGCCCTCCTCCTTCCACGAGCAAGGGGACAGCT
CTAAAAACACCCACCTCCCTCCGGGCCCCCAACATGGCAGTCGGTAACATGAGTGTCTTACTGGGGTC
TCTGCCTGGAGAGACGAGTTTCTCAACTCTAGTGCCTAA

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191910
- Insert Size:** 3330 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191910.1](#), [NP_001178839.1](#)

RefSeq Size: 3501 bp

RefSeq ORF: 3330 bp

Locus ID: 140589

Cytogenetics: 7q22

Gene Summary: mouse homolog is a zinc finger transcription factor and oncogene; involved in development [RGD, Feb 2006]