

Product datasheet for **RN216810**

Gja10 (NM_001173508) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gja10 (NM_001173508) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gja10
Synonyms:	Cx-57; Cx57; RGD1309630
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216810 representing NM_001173508
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGGAGATTGGAATTTACTGGGTGGCATCTAGAGGAAGTCCACTCCCACTCCACTATAGTGGGAAAA
 TCTGGCTGACTATCCTCTTCATCTCCGAATGCTGGTACTTGGTGTGCTGCTGAGGATGTCTGGGATGA
 CGAGCAGTCCTCTTTGCCTGCAACACCCAGCAGCCTGGTTCAGCAATATCTGTTATGATGATGCTTTC
 CCTATCTCTGATCAGATTCTGGGTTTTGCAGATCATCTTTGTGTCTTCCCTCTCTTGGTGTATATGG
 GCCATGCACTCTATAGACTCAGGACTTTGAGAAACAAAGGCAGAAGAAGATTATACCTCAAAGCCCA
 GATGGAGAACCCAGATCTTGACTTGGAGGAGCAACAAAGGTTGAGAGGGAGCTGAGGAGACTCGAGGAG
 CAGAAGAGGATCAAAAAGTCCCTCTGAAAGGGTGTCTCTGCGCACCTACGTCTTACACATCTTGACCA
 GATCTGTGCTAGAGGTAGGGTTCATGATAGGCCAATATATTCTCTATGGGTTCCAATGCACCCTATTTA
 CAAGTGCACACAAGCCCCTTGCCCAACGCAGTGGACTGCTTTGTATCCAGGCCACAGAGAAGACCATT
 TTCATGCTCTTTATGCACAGCATTGCAGCCATCTCCTTGTACTCAATATTCTGGAGATATTTATCTCTCG
 GCATCAGGAAGATCATGAGGGCACTCGATGGCAATCCAGCAGTGGGAACACTGAGAATGAAACAGGCC
 TCCGTTCCATTCAACCACTACTCAGGGGCCAGCAGTGTATGGTTTGTCTTTACCTGAAAGAGTC
 TCACTACTTCAAGCCAACAATAAACAGCAAGTCATCCGTGTCAACATACCAAGGTCTAAAAGCGTGTGGC
 AAATCCACATCCAGGCAACTTGAGGTAGATGTTTCTGTGGCAAAAGAGGCTGGGCTGAGAGAGTTGA
 GAACAGTGAACAGCTCCATGTCCATAGTCCATGTCCACATGAGCGCAGCGCCAGAATTGAGCAGCCGGGA
 CAGCAACCATGCCATTCCATCGTTGCCCAAGAATGTAATGTCTCAGTCCTGGTTAGGTACAATGACAG
 CTTCTCAACACCGTCCATCATCTGCGTTAGAAACCTGGGAGCGATCCAGGGCCAGAAGTTTCAGGGAA
 ACCTCTCACAGATCGCCAGAGTCACTTCCAAGGCAGCGATGGCAGTGCAAGAGAGAGTGGGGTATGGACA
 GACAGATTAGGCCAGGTAGTCGCAAGGCCAGCTTTCTATCGAGGCTGATATCAGAAAAGGGACAACAGC
 ATAGTGACTCAGGAAGCTCGAGGTCTCTGAATAGCTCCTGCTTGGATTTCCACATGGGGAACAGCCC
 ATCACCTCTGCCATCAGCCACTGGGCACAGAGCATCGATGGTAAGTAAAAGCAGCCATGTTGATTCACCC
 TCTGTCTCTTCTCTTTATCATATGTGGGACATATGTATGTGTAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001173508

Insert Size: 1521 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_001173508.1, NP_001166979.1

RefSeq Size: 1521 bp

RefSeq ORF: 1521 bp

Locus ID: 313126

Cytogenetics: 5q21