

Product datasheet for **MC214642**

Gjd3 (NM_178596) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gjd3 (NM_178596) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gjd3
Synonyms: cx30.2; Gja11; Gjc1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC214642 representing NM_178596
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGGAGTGGGCGTTCCTAGGCTCCCTGCTGGACGCGGTGCAGCTACAGTCGCCGCTCGTGGGTCGTC
 TCTGGCTGGTATCATGCTGATCTTCCGCATCCTGGTGTGGCCACGGTGGGAGGTGCGGTGTTTCGAGGA
 CGAGCAGGAGGAGTTCGTGTGAACACGTTGCAGCCCGGCTGTCGCCAGACCTGCTACGATCGCGCCTTC
 CCGGTGTCCCACTACCGCTTCTGGCTCTCCACATCCTGCTGCTGTCGGCGCCGCGGTGCTGTTTCGTC
 TCTACTCCATGCACCAGGCCAGCAAGGAGGCGGGTGGTGCAGCTGGCCCCGCGTGCAGCGCGGGCG
 TGCCGAGGCGCGGTGCTCCCCGTGCGCCCTGCGCGCTGCGCCGCGCGCCGCTGCTACCTGCTGAGCGTG
 GCTCTGCGCCTGCTCGCCGAGCTGGCTTTCCTGGGCGGCCAGGCGCTGCTCTACGGCTTCCGCGTGGACC
 CGCACTACGCGTGCAGCGGGCCACCTTGTCCGCACACGGTCGACTGTTTCGTGAGCCGGCCACCGAGAA
 GACCGTCTTCGTGGTCTTCTACTTCGCGCTCGGGCTGCTGTCGGCGCTGCTCAGCGTGGCGGAGCTGGT
 CACCTGCTCTGGAAGGTCGCCAGCGCGCAAGCTGCTCCCGCCGCCGCGCGCTGCGCCTCTTTGCCAT
 CGCAGCGCGGGACCCCGACCTTTTCGGCCCGCCAGCCTACGCGCACCGCTCACCGGCAGGCGACAGCGA
 GGGCGAAGGCGGCAGCGCCACAGCAAAGCGTCGCTGGCTACCGTGCAGGACCTGGCCAT**C****TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_178596
Insert Size: 837 bp



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| 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: | <ol style="list-style-type: none">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_178596.2 , NP_848711.2 |
| RefSeq Size: | 837 bp |
| RefSeq ORF: | 837 bp |
| Locus ID: | 353155 |
| UniProt ID: | Q91YD1 |
| Cytogenetics: | 11 D |
| Gene Summary: | One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell. [UniProtKB/Swiss-Prot Function] |