

Product datasheet for **MC212751**

Gjd4 (NM_153086) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gjd4 (NM_153086) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gjd4
Synonyms: 9430022F06Rik; Cx39
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212751 representing NM_153086
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGAAGTTGAACTTGTGGGATTCTCATCATCACCTTAACTGTAACGTGACCATCATGGGCATGA
TCTGGCTGATCGTGGAGTCTTGTGAGGATGCTAGTGGTGGTCTTGGCAGGGTCACCTATCTATGAGGA
TGAACAAGAGAGGTTTATTTGCAACACACTGCAACCAGGATGTGCCAACGTTTGTACGACCTCTTTTCC
CCAGTGTACCGCTGCGATTCTGGCTAGTGCAGAGCCTGGCCTTGCTTCTGCCTTCGGTGGTCTTTGGCA
CTTACACCCTACACCGCGGTGCGAAGCTGGCTGCAGTGGGGGGAGCCTGCAGGCCCCAGGTGCCCGACCT
GTCTACTGCCTACCTGGTGCACCTACTGCTGCGCATGCTGCTGGAGGCCGGGCTGGCCTTCTGCACTAC
TTTCTCTTTGGCTTTTCTGTGCCCGCCCGGTGTCTTGTCTCGCATGTACCCTGCTCAGGGGCTGTGGACT
GCTACGTGTGCGGGCCACGGAGAAGTCACTCCTGATACTATTCTTTGGGCAGTGAGTGCCTATCCTT
CCTGCTCAGCTTGGCTGACCTGCTTTGGATCCTGCCGAGGAGAAAGACTGAGGACCACGCAGTGGGTG
AATGGAGAGGCTAGACCAGTCTGTGAAGTACCTGCACCTCCCCCTTGCCTTTACAAAACCCCAAGGCT
ATCTTAGCCAAGTCAAGTGGACCAAGAGGACAGACAGGAGGAACAAGTTGTGCCTGAGTCCCCGAT
GTGGACAGCAGGGCAGAGTGACAACAGCAATGTTGGTCAAGCCTGTGTGTCGGGGCTGCTGGAACATTCA
GACCAAGATGCTAGTGAGGCCACTTCTCAGCTGGTGACAGGCTAACAGTGGCTCACACAGCACATGAGC
TCAGATTCACAGAGAGACTTCACTGGACCTGGGGGGCAAAAACCCAGGCAGATGAACTCTCCTTGGC
TACCCAGAGCCACCTGGCCAGACACAGTTCAGCCAGCAAGCCTCAAGCTCCATGCCGGCTGACCACCTCA
GGCAGTGTCCCCATTTGAGAACCAAAAATCTGAGTGGGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_153086



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Insert Size:	1095 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:	<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:	<u>NM_153086.5, NP_694726.2</u>
RefSeq Size:	2661 bp
RefSeq ORF:	1095 bp
Locus ID:	225152
UniProt ID:	<u>Q8BSD4</u>
Cytogenetics:	18 A1
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]