

Product datasheet for **MC203821**

Gjb5 (NM_010291) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gjb5 (NM_010291) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gjb5
Synonyms:	Cnx31.1; Cx31.1; Gjb-5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC011148 GGAGCAGCCAGCCCTTGAGTCCACCATGAACTGGAGTGTTTTGAGGGACTCCTGAGTGGAGTCAACAAG TACTCCACAGCCTTTGGTCGCATCTGGCTGTCTCTGGTCTTCGTCTTCCGTGTGCTGGTGTACCTGGTGA CAGCTGAGCGCGTGTGGGAGACGACCAGAAGGATTTTACTGCAACACCAGGCAACCGGGCTGTACCAA TGTCTGCTACGATGAGTTCTTCCCGTGTCCCACGTGCGCCTCTGGGCTCTGCAGCTCATCCTGGTCACC TGCCCTCTTTGCTTGTGGTCATGCATGTGGCCTATCGAAAGGCTCGAGAGAAGAAGTACCAGGAAAAGG TTGGCGAAGGTTACCTTTACCCGAATCCCGCAAGAAGCGGGTGGACTCTGGTGGACATACGTCTTCAG CCTCTCGTTCAAGGCCACCATAGACATTATCTTCTCTACCTCTTCCACGCATTCTATCCCAGATATACC CTCCCTTCTATGGTCAAGTGCCATGCGGAGCCGTGTCCCAACACAGTGGACTGCTTATTGCCAAGCCCT CCGAGAAAAACATCTTCATTGTCTTCATGGTGGTCACGGCCGTCTGCATCCTGCTTAACCTTGTGGA GCTGATCTACCTAGTGATTAAGCGGTGTCTGAGTGTGCGCAGCTGAGGAGACCACCCACTGCACATGCA AAGAAATGACCCAAACTGGGCCAACTCTCCTAGCAAAGAGAAGGACTTCTCTCATGCGACCTCATCTTTC TGGGCTCGGACGCTCACCCGCTCTGTTACCAGACCGCCCTCGAGCCACGTGAAGAAAACCATCTGTG AAGGGTCCCTAGACTGGACTGGCAGGGTGGCATGACCTGGAAGGTTCCAGAATCTCTCATGAATGTAGC TGATGGGGAGAAGAGCTGAGTTGGCATTGGAGGCAAGCAAAGGGAGGACTCCCAGAGCTTTGGGATCCA GTTGTGCCTCCCGGCTGACTGGCCTTCGCTGAGTACCCCTCTCCTCTGTACCTCCATTTCTTTCTGT TAAATAAACACACCGAGGGCCACTTCGAGGGCTCCTGGGAGGGGAGTTTACGAAGGCACCGATGAGCA AATGCCTTCTGTGTGGCCAGGGTGAGAGCTAAATAAAGATAAATGGGTTTACAGAAAAAAAAAAAAAAAA AA
Restriction Sites:	RsrII-NotI
ACCN:	NM_010291
Insert Size:	816 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:	BC011148 , AAH11148
RefSeq Size:	1226 bp
RefSeq ORF:	816 bp
Locus ID:	14622
UniProt ID:	Q02739
Cytogenetics:	4 61.51 cM
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]