

Product datasheet for **MC204271**

Gjb6 (NM_008128) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gjb6 (NM_008128) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gjb6
Synonyms:	AA958971; Cx30; D14Bwg0506e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC013811

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CGGACCGTGGGCGCGCCCTGATCCAACCTACGCTCAGGGTAGGAGCTCTGAGTGCCGCTGCGAGCC
TGGAGCCGGCTCCCACCGAGCAGGTGACATCCCCTGTGACCCCTAAACAGAGCAGCAGTGCAGTGCCAC
CACCCTACCGCTGCTGATGTCCAGAGGAGTAGGAGGAAAGACAGAAGTCCCTTGACAGAGGATTTTGCA
GTGACTCTTGAGCTGGGCGCCCTGGAAGCCCTGGAGAACAAGACTCAGAATAAGCCTGCACGATGGACTG
GGGACCCCTGCACACCGTCATCGGTGGCGTGAACAAGCACTCTACCAGCATAGGGAAGGTGTGGATCACG
GTCATCTTTATTTCCGAGTCATGATCCTAGTGGTGGCTGCCAGGAAGTGTGGGTGATGAGCAGGAGG
ACTTTGTCTGCAACTCTGCAGCCAGGGTGAAGAAGTCTGCTATGACCATTTCTCCCGGTGTCTCA
CATCCGGCTCTGGGCCCTGCAGCTGATCTTTGTCTACCCAGCCCTGTTGGTGGCCATGCACGTGGCC
TACTACAGACATGAAACTGCCGAAAGTTATACGTGGGAGAAGAGAAACGAGTTAAAGACCTGGAGG
ACATCAAACGGCAGAAGGTGCGCATTGAGGGCTCCCTGTGGTGGACGTACACCAGCAGCATTTCTCCG
CATCATCTTGAAGCCGCTTCATGTATGTGTTCTACTTCTACAATGGGTACCACCTACCCTGGGTA
CTGAAATGTGGCATTGACCCCTGCCCAATCTCGTGGACTGCTTCATTTGAGGGCAACTGAGAAAACGG
TGTTCACTGTTTTATGATTTCCGCATCCGTGATTTGCATGCTGCTCAATGTGGCCGAGTTGTGTTACCT
GCTGCTTAAATTTGCTTTAGGAGATCCAAAAGAACACAGGCGCAGAGAAACCACCCCAACCATGCCCTG
AAAGAGAGCAAGCAGAATGAAATGAATGAGCTGATCTCAGATAGTGGCCAGAATGCAATCACAAGTTCC
CAAGTTAAGCACTTCAAGGTCAAGTGTAGGTGAGCCCTTCTGAGCATGTACCCTTTTGTAGACAACATT
GATCTGACAACCTCCTCTAGGTCAAGGTTTGTCTATAAGTGACTCATAGAAAGTGGATCCTTGAGTT
CGATTATTGTAGAACACCTGAGCTGTTTACACAAATATAAGTCAAATTTGGTCTATCTGAAAACC
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CCTGAAACCTTATATACTGTTTATAAAGAACATTTATCTAAAAATTAATAGTTTTATCAGTAAGATA
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CCTTACCCTGGAAAAAATATACAAAGTTAGCTTTACAAGTGCACCCCAAGTATCTAAAGTTTGAACCTGT
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CTTAAGGTGGGATGTGTTCAATTGGACAATATACATTGCCGATTGCTGAATATGAATGGAATCGAAGGAAG
TGGGACCCCTTTTAAAGTGAACCTTTCCACCTATGGTGAACAGTGCAGACATGAATATGATCTCGCCAA
AAAGCTTGACCCTGTTGCTTCAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_008128
Insert Size:	786 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>BC013811</u> , <u>AAH13811</u>
RefSeq Size:	1786 bp
RefSeq ORF:	786 bp
Locus ID:	14623
Cytogenetics:	14 30.1 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) lacks two 5' exons but has an alternate 5' segment, as compared to variant 2. Both variants 1 and 2 encode the same protein. COMPLETENESS: complete on the 3' end.</p>