

Product datasheet for MC212305

Gjc3 (NM_080450) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gjc3 (NM_080450) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gjc3
Synonyms:	Cx29; Gje1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212305 representing NM_080450 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTTCTGCTGGAGTTGCCAATCAAGTGCAGGATGTGCGGCAGGTTCTGAGACAGCTATTGGCTCAGG
AGAGCCAGCACTCCACCCTGTGGGGCGCTTCTTCTCCCATGCTCATGGGATCCGTCTCCTGATCTT
GGTTTCCAGTGGACCTGGGGTTTTCGGCAATGATGAGAATGAATTCATATGTCATTTAGGGCAGCCAGGC
TGCAAGACCATTTGCTATGATGTCTTCCGCCCTCTCTCCATTGCGCTTCTGGGCCTTCCAAGTCATTC
TGATGGCTGTACCCAGTGCCATTTATGTGGCTTCTACTCTGTATCATGTGATTGGATACTGGGAGGTACC
AGGAAAGGAAAACAAGGAGCAAGAGACCCAGATTAGCAAAGGGGATCATAGCAAGGATGTCTCAGGGGCT
AAAAGCCTCAAGCTTCTCTGGGCCTATGTGGCACACCTTGGGGTACGGCTGGCCCTTGAGGGAGCAGCTC
TAGGTGTTCAAGTACAATCTGTATGGTTTCAAGATGTCCAGCACTTTATATGTCGTGAGGATCCTTGTAT
TGGCAGCACAACCTGTTTCCAGTCTCACCCCTCTGAGAAGACCATCTTCTCAACATCATGTTTGGGATC
AGCGGGCCTGTTTCTTATTTTCTTGGAGCTTGCCTTTTGGGTTAGGGAGGTTTTGGAGGATAT
ACAAGCACAACCTTCTTCTTAAAGAAGTTGCCAACTCAGAGAGCTCTGTAAGATCCAAGGACACAAC
CGATGAATTGTCAGTGGTGGAGGCAAAAGGCCATTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_080450
Insert Size:	810 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_080450.4 , NP_536698.2
RefSeq Size:	3515 bp
RefSeq ORF:	810 bp
Locus ID:	118446
UniProt ID:	Q921C1
Cytogenetics:	5 G2
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) represents the longer, protein-coding transcript.</p>