

Product datasheet for **MC215861**

Gjc2 (NM_080454) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gjc2 (NM_080454) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gjc2
Synonyms:	B230382L12Rik; Cx47; Gja12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Reconstitution Method:

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_080454.4](#), [NP_536702.3](#)

RefSeq Size: 2188 bp

RefSeq ORF: 1323 bp

Locus ID: 118454

UniProt ID: [Q8BQU6](#)

Cytogenetics: 11 37.05 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. May play a role in myelination in central and peripheral nervous systems.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) uses a different segment for its 5' UTR, compared to variant 2. Variants 1 and 2 encode the same protein.