

Product datasheet for **MR226800**

Gjb1 (NM_008124) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gjb1 (NM_008124) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gjb1
Synonyms:	Cnx32; connex; connexin-32; Cx32; Cxng
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR226800 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTGGACAGGTCTATACACCTTGCTCAGTGGCGTGAATCGGCACTCTACAGCCATTGGCCGAGTAT
GGCTGTCTGTCACTTTCATCTTCAGAATCATGGTGTGGTGGCTGCTGAGAGCGTGTGGGGGATGA
GAAGTCTCTTTCATCTGTAACACCTCCAGCCGGGCTGCAACAGCGTCTGCTATGACCATTTTTCCCC
ATCTCCACGTGCGCCTATGGTCCCTGCAGCTTATCTTGGTTTCCACCCAGCTCTCCTCGTGGCAATGC
ACGTAGCTCACCAACAGCACATAGAAAAGAAAATGCTACGGCTTGAGGGCATGGGACCCCTTCACCT
GGAAGAGGTAAAGAGACACAAGGTGCACATCTCAGGGACTGTGGTGGACCTATGTCATCAGTGTGGT
TTCCGGTGTCTGTCGAGGCTGTCTTATGTATGTCTTCTATCTGCTCTACCCCGGCTATGCCATGGTGC
GGCTGGTCAAGTGTGAAGCCTTCCCTGCCCAACACAGTGGACTGCTTCGTGTCCCGCCACCCGAGAA
AACCGTCTTCACTGTCTTATGCTCGCAGCCTCCGGCATCTGCATTATCCTCAACGTGGCGGAGGTGGT
TACCTCATCATCCGGCCTGTGCCCGCGTGTGTCAGCGCCGCTCCAATCCGCCCTCCCGAAGGGCTCGG
GCTTCGGCCACCGCCTCTCACCTGAATACAAGCAGAATGAGATCAACAAGCTGCTGAGCGAGCAGGATGG
CTCTCTGAAAGACATACTGCGCCGACGCCCTGGCACAGGGGCCGGCTCGCTGAAAAGAGCGACCGATGC
TCAGCCTGC

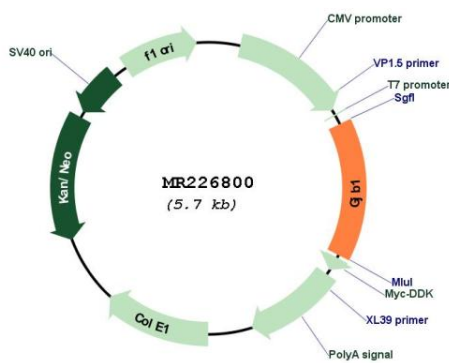
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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- 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:**
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_008124.3](#), [NP_032150.2](#)
- RefSeq Size:** 1519 bp
- RefSeq ORF:** 852 bp
- Locus ID:** 14618
- UniProt ID:** [P28230](#)
- Cytogenetics:** X 44.06 cM
- MW:** 32 kDa
- Gene Summary:** This gene is a member of the gap junction protein (connexin) family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of ions and small molecules between cells. Mutations in a similar gene in human cause X-linked Charcot-Marie-Tooth disease, an inherited peripheral neuropathy. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Oct 2014]

Product images:



Circular map for MR226800