

Product datasheet for **RN205832**

Gjb6 (NM_053388) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gjb6 (NM_053388) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gjb6
Synonyms:	Cx30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205832 representing NM_053388 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTGGGGACCCTGCACACTGTCATCGGCGCGTGAACAAGCACTCGACCAGCATAGGGAAGGTAT
GGATCACGGTCATCTTCATCTTCCGAGTCATGATCCTCGTGGTGGCCGCCAGGAAGTGTGGGGAGATGA
GCAGGAGGACTTCGTCTGCAACACGCTGCAGCCGGGTGCAAGAAGCTGCTACGACCCTTCTCCCC
GTGTCCCACATTCGGCTCTGGCCCTGCAGCTGACCTTTGTGCCACCTCAGCCCTGCTGGTGGCCATGC
ACGTGGCCTACTACAGACATGAAACTGCCCGAAAGTTTATCCGCGGGGAGAAGAGGAACGAGTTTAAAGA
CCTGGAGGACATCAAACGGCAGAAGGTGCGCATCGAGGGCTCGCTGTGGTGGACGTACACCAGCAGCATC
TTCTTCCGCATCATCTTGAAGCCGCCCTTCATGTATGTGTTCTACTTCTCTACAATGGGTACCACCTGC
CCTGGGTGCTGAAATGCGGCATTGACCCCTGCCCAATCTCGTGGACTGCTTCAATTTCCAGGCCAACCGA
GAAAACGGTGTTCACTGTTTTATGATTTCCGCATCTGTGATTTGCATGCTCAATGTGGCCGAGTTG
TGTTACCTGCTGCTTAAGCTGTGTTTTAGGAGATCCAAGAGAACACAGGCCAGAGAAACCCCAACC
ATGCCCTGAAAGAGACGAAGCAGAATGAAATGAATGAGCTGATCTCGGATAGCGGTCAGAATGCCATCAC
CAGCTTCCCAAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053388
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:	NM_053388.1 , NP_445840.1
RefSeq Size:	1752 bp
RefSeq ORF:	786 bp
Locus ID:	84403
Cytogenetics:	15p12
Gene Summary:	may control the level of intercellular communication between astrocytes; may be involved in the neuronal apoptotic process [RGD, Feb 2006]