

Product datasheet for RN204438

Gnb3 (NM_021858) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gnb3 (NM_021858) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gnb3
 Synonyms: MGC105437
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN204438 representing NM_021858
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGGAGATGGAGCAGCTGAAGCAGGAGGGCGGAGCAGCTCAAGAAGCAGATTGCTGATGCCAGGAAAG
 CCTGTGCGGACATCACTCTGGCTGAGCTTGTGTCTGGCCTGGAGGTGGTGGGACGAGTCCAGATGCGGAC
 ACGGAGGACGTTAAGGGGACACCTGGCTAAGATCTATGCCATGCACTGGCCACTGACTCTAAGCTGCTA
 GTAAGTGCCTCGCAGGATGGGAAGCTGATCGTGTGGGACACTTACACCACCAATAAGGTGCATGCTATCC
 CGCTGCGTTCCTCTGGGTCATGACCTGTGCCTATGCACCATCAGGGAATTCGTGGCATGTGGGGGCT
 AGATAACATGTGCTCAATCTACAGCCTCAAATCCCGTGAGGGCAATGTCAAGGTCAGCCGGAACTCTCG
 GCTCACACAGTTATCTCTCTGTTGCCGTTCTCTGGATGACAACAACATTGTGACTAGCTCTGGGGACA
 CCACGTGTGCCTTGTGGGACATTGAGACGGGGCAGCAGAAGACAGTGTTCGTGGGACACACTGGTGACTG
 CATGAGCCTGGCTGTGTCCCCAGACTACAACTTTCACTCGGGAGCTTGTGATGCCAGCGCCAAGCTC
 TGGGATGTGAGGGAAGGGACCTGTCGCCAGACTTTCACTGGCCACGAGTCAGACATCAATGCTATCTGTT
 TCTTTCCCAATGGGGAGGCCATCTGCACTGGCTCAGATGATGCCTCCTGCCGCTCTTTGACCTGAGGGC
 AGACCAGGAACTGACAGCCTACTCCACGAGAGCATCATCTGTGGCATCACGTCCGTAGCCTTCTCACTC
 AGTGCTCGCCTGCTCTTTGTGGCTATGATGACTTCAACTGCAATGTCTGGGACTCTGAAGTGTGAGC
 GTGTAGGCGTTCTTTCTGGCCATGACAACAGAGTCAGTTGCCTGGGGGTCACAGCTGACGGCATGGCTGT
 GGCCACTGGATCCTGGGACAGCTTCTCAAGATCTGGAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_021858
Insert Size:	1023 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_021858.3 , NP_068630.1
RefSeq Size:	1577 bp
RefSeq ORF:	1023 bp
Locus ID:	60449
UniProt ID:	P52287
Cytogenetics:	4q42
Gene Summary:	G-protein beta subunit expressed primarily in heart and also in brain [RGD, Feb 2006]