

Product datasheet for MC205937

Gnb2 (BC062178) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gnb2 (BC062178) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gnb2
Synonyms: Gnb-2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC062178
 GCCTCCGCCGCGGAGGAAGACAGGACCTCCCGCGCTCCTCCAAGCGACCCCTTGGCAGAGTCCCACCACC
 TCAGGCCTCGGGCCAGCGCCAGGAGCTGCCTCCCCAGCCCCGTCCCGCGCCCCAGCCGCCCCAA
 CCCC GCCC CACG GCGCCG CCGCCATGAGTGAGCTGGAGCAACTGAGACAGGAGGCCGAGCAGCTCCGGAA
 CCAGATCCGGGACGCCAGAAAAGCATGCGGGGATTCCACACTGACCCAGATCACAGCTGGGCTGGACCCA
 GTGGGGCAATTGAGATGAGAACACGGAGGACCCTCCGTGGACACCTGGCAAAAATCTATGCCATGCACT
 GGGGGACAGACTCAAGGCTGCTGGTCAGCGCCTCCAGGACGGAAGCTCATATTTGGGACAGTACAC
 CACTAACAAAGGTCCACGCCATCCCTCTGCGTTCCCTGGGTGATGACCTGTGCCTACGCCCCCTCAGGG
 AACTTTGTGGCCTGTGGGGTTTGGACAACATCTGCTCCATCTATAGTCTCAAGACCCGAGAGGGCAATG
 TCAGGGTCAGCAGAGAGCTGCCTGGCCACACTGGGTACCTGTCATGCTGCCGCTTCTGGACGACAACCA
 AATCATCACCAGCTCTGGGGACACCACCTGTGCCCTGTGGGACATTGAGACAGGCCAGCAGACGGTGGGG
 TTTGCTGGACACAGTGGGGATGTGATGTCCCTGTCACTGGCCCCGATGGCCGCACCTTTGTGTCAGGTG
 CCTGTGACGCCTCCATCAAGCTGTGGGATGTTCCGGATTCCATGTGCCGACAGACATTCATAGGTCACGA
 GTCGGACATCAATGCCGTGGCTTTCTTCCCAATGGCTATGCCTTACCACGGGATCAGATGACGCCACT
 TGTCCGCTCTTTGACCTGCGGGTGATCAGGAGCTGCTCATGTATTCCCACGACAACATCATCTGCGGCA
 TCACCTCGGTTGCCTTCTCGCGCAGCGGGCTGCTGCTCGTGGCTACGACGACTTCAACTGCAACAT
 CTGGGATGCCATGAAGGGTGACCGTGCAGGTGTCCTCGTGGCCATGATAACCGTGTGAGCTGCCTGGG
 GTCACAGATGATGGAATGGCCGTGGCTACAGGCTCCTGGGACTCCTTCTCAAGATCTGGAATAACCTC
 CCCAACCCAGATGGGCCAGGCAGGAGCAGCCCTGCCATGCCACACTACAGGCCCGGAGCTTTGGG
 GCTGGGTACATGTGCAAGCCTCCCTCCCTGGGCTACAGGCCTCCGGTCTGCTCCCATACCCAGGTTT
 GGTTCTCTAGGGGGGGCCCCACTGTGGAGATAAAAGTCGGGGATGGAATGGGGGAAGAGGAAGGGCA
 GGAAAGCCCTCACCTTTGCTGCCCTGGGGCCATGGCCTCACCCCTCTGGAGGGCCAGAGGCAGGAGGTG
 GAAACTCCAGGGGCTGGCTTTTTAACTGGTTTTATTTAATTTTATTATATTTTCAGTTTTTCCATAA
 AGGAACCACTTCCAACCTGAA

Restriction Sites: RsrII-NotI



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ACCN:	BC062178
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:	<u>BC062178</u> , <u>AAH62178</u>
RefSeq Size:	1605 bp
RefSeq ORF:	1023 bp
Locus ID:	14693
Cytogenetics:	5 76.54 cM
Gene Summary:	Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. [UniProtKB/Swiss-Prot Function]