

Product datasheet for MC208569

Gnb3 (NM_013530) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gnb3 (NM_013530) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Gnb3
 Synonyms: Gnb-3
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC208569 representing NM_013530
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGGGAGATGGAGCAGCTGAGGCAGGAGGCGGAGCAACTCAAGAAGCAGATTGCTGATGCCAGGAAAG
 CCTGTGCGGACATCACTCTGGCTGAGCTTGTGTCTGGCCTGGAGGTGGTGGGCCGAGTCCAGATGCGGAC
 ACGGAGGACATTAAGGGGACATCTGGCCAAGATCTATGCCATGCACTGGGCCACTGACTCTAAGCTGCTC
 GTAAGTGCTCGCAGGATGGGAAGCTGATCGTGTGGGACACTTATACCACCAATAAGGTGCATGCAATCC
 CGCTGCGTTCCTCCTGGGTGATGACCTGTGCCTATGCACCATCAGGGAACCTTTGTGGCATGTGGGGGCT
 GGACAACATGTGTTCAATCTACAACCTCAAATCCCGCAGGGCAATGTCAAGGTGAGCCGGGAGCTCTCT
 GCTCACACAGGTTATCTCTCCTGTTGCCCTTCTGGATGACAACAACATCGTACTAGCTCTGGGGACA
 CCACATGTGCCTTGTGGGACATTGAGACAGGACAGCAGAAGACAGTGTGGTGGGACACACTGGTGACTG
 CATGAGCCTGGCTGTGTCCCGACTACAACTCTTCAATTCGGGAGCTTGGCATGCTAGCGGAAGCTC
 TGGGATGTGAGGGAAGGGACCTGTCGTCAGACTTCACTGGCCATGAGTCAGACATCAATGCCATCTGTT
 TCTTTCCCAACGGGGAGGCCATCTGCCTGAGTGCCTCAGATGACGCTCCTGCCGCTCTTTGACCTGAGGCG
 AGACCAGGAAGTACTGCCTATTCAGGAGAGCATCATCTGCGGCATCACTTCAGTAGCCTTCTCGCTC
 AGTGGGCGCTGCTCTTTCAGGCTATGATGACTTCAACTGCAATGTCTGGGACTCTCTGAAGTGCAGC
 GTGTAGGCATACTCTCTGGCCATGACAACAGAGTCAGCTGCCTGGGGTCACTGCTGACGGCATGGCTGT
 GGCCACTGGTTCCTGGGACAGCTTCTCAAATCTGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_013530



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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_013530.1 , NP_038558.1
RefSeq Size:	1887 bp
RefSeq ORF:	1023 bp
Locus ID:	14695
UniProt ID:	Q61011
Cytogenetics:	6 59.17 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]