

Product datasheet for **MC219916**

Gtpbp4 (NM_027000) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtpbp4 (NM_027000) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtpbp4
Synonyms:	2610028C09Rik; Crfg; Gtpbp3; NGB; Nog1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219916 representing NM_027000
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCATTACAACCTCAAGAAGATTACGGTGGTCCGCTCGCCAAGGACTTTATTGACCTAACATTAT
 CCAAGACTCAACGAAAGACTCCAACGGTTATTCATAAACATTATCAAATTCATCGGATTCGACATTTTAA
 TATGAGAAAAGTCAAATTTACTCAACAGAAATTACCATGACAGACTGTACAGATTCTGTCCGATTTCCCC
 AAATTGGATGATATCCATCCGTTTTATGCTGACTTGATGAATATCTCTATGACAAGGATCACTACAAGT
 TGGCTCTAGGTCAAATAAATATTGCCAAAACTTGGTGGACAATGTTGCTAAAGATTATGTGCGTCTTAT
 GAAATATGGTGATTCTCTGTACCGATGCAAGCAGCTGAAGCGCGGCCCTTGGACGAATGTGTACTATT
 ATCAAGAGACAGAGGCAGAGCTTGGAGTATCTGGAACAAGTACGTCAACATTTATCCCGCTTGCCAACCA
 TTGATCCAAATACAAGGACTCTGCTTTTGTGTGGGTATCCAAATGTTGGGAAATCCAGCTTCATCAACAA
 GGTGACAAGAGCAGATGTGGACGTTCAACCCTATGCATTTACCACCAAATCTCTGTTTGTGGGCACATG
 GATTATAAGTATCTGCGCTGGCAGGTTGTAGATACCCAGGGATTTTGGATCATCTTTGGAGGATCGGA
 ACACCATTGAGATGCAGGCCATCACAGCCCTGGCCACCTCCGAGCTGCAGTTCTGTATGTGATGGATCT
 GTCTGAGCAGTGTGGACATGGGTTAAAGGAGCAGTTAGAATCTTCCAGAATATCAGACCTCTGTTTATC
 AACAAGCCTCTTATTGTTGTAGCAAAACAATGTGATGTGAAGAGAATAGCTGAATTTCTGAAGAAGATC
 AGAAAATATTTCTAGACTTGACGGCTGAAGGATTCCTGTCTGATCGAGACCAGTACCCTGACTGAGGAAGG
 TGTCATTCAAGTTAAAACAGAGGCGTGTGACAGGCTTTGGCTCACCGAGTAGAAACGAAAATGAAAGGA
 AATAAAGTGAATGAGGTTCTGAACAGATTGCATTTAGCTGTGCCCAACAAGAGAGATGATAAGGAGAGAC
 CCCCTTTCATCCAGAAGGAGTGATAGCTCGAAGGAAGAGAATGGAGATTGAAGAGCCCAAGAAGAAGAG
 GGAGCGAGATCTTGAGCTGGAAATGGGAGATGATTACATTTTGGATCTTCAGAAATACTGGGACTTAATG
 AATTCATCTGAGAAATATGATAAGATACCAGAAATTTGGGAAGGCCACAATGTTGCTGATTATATTGATC
 CTGCTATCATGAAGAAATTAGAAGAGTTGGAAAAGGAAGAAGAGCTAAGAACAGCTGCTGGGGAGTATGA
 CAGTGACTCTGAGAGTGAAGACGAGGAAATGATGGAAATCCGACAGCTGGCAAAGCAAATTAGAGAAAAG
 AAGAAGTTGAAAATCTACAGTCCAAAGAAAAGAATAAACAGGGACCCAGGATGCCCCGAACTGCCAAGA
 AGGTTCAACGGCAGATTTAGAGAATGAGATGCGTAGTCTTGGTGTGGACATGGATGATAAAAAACAATGC
 CCACTATGCAGTCCAGGCAAGAAGTCTCGAGTGTACGAGGAAAAGAAAACGAGAAGAATCTGTTCCA
 CCCTCTTCCACAGCGCGGAGTCGCAGTTGTTCTAGAATCCACGTGATGTTTCTGGTCTTCCGGGATGTCA
 AGATGGTGAAGAAAGCCAAGACTATGATGAAGAAAGCTCAGAAGAAGATGAATCGCTTGGGGAAGAAAGG
 GGAAGCTGATAGGCATGTGTTTATGATGAAGCCCAAGCACTTGCTGTCTGGGAAGAGGAAAGCTGGTAAA
 AAGGACAGGAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_027000
- Insert Size:** 1905 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:

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_027000.4](#), [NP_081276.2](#)

RefSeq Size: 2579 bp

RefSeq ORF: 1905 bp

Locus ID: 69237

UniProt ID: [Q99ME9](#)

Cytogenetics: 13 A1

Gene Summary: Involved in the biogenesis of the 60S ribosomal subunit.[UniProtKB/Swiss-Prot Function]