

## Product datasheet for **MC220619**

### **Ggnbp2 (NM\_153144) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ggnbp2 (NM_153144) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ggnbp2
Synonyms:	AI451896; C75939; D330017P12Rik; DIF-3; Zfp403
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220619 representing NM\_153144  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCGACTGGTGGCAGTGTGCAGGGACGGGGAGGAGGAGTCCCCCTCGAGAGGAGGCAGATCCCC  
 TCTACATAGACGACACCCCTGACGATGGTATGGAATTTCCCTGACAATGTTTTAAATCTTGATGGGCATCA  
 GAATAATGGTGCACAACAAAGCAGTTTATTCAGCGACACAGTATGCTTAAGCAACAAGATTTAAGTATT  
 GCCATGGTGGTAACATCACGCGAAGTCTTGAGTGCACCTTCTCAGCTTGTCCCATGTGTTGGTTGTCGTC  
 GAAGTGTGGAACGCCTCTTTCTCAACTGTAGAGTCTGGAAATCCTGCCCTGAACCCCTGACAGTAGG  
 GCCCAAGGGAGTACTATCTGACTCGGAGCTGCATGACTGATGCAAAAAAGCTTTATACATTATTTTAT  
 GTACATGGGTCCAACTAAATGATATGATAGATGCTATCCAAAAAGTAAGAAGAACAAGAGATGTCAGT  
 TACTCTTTAGATACACACAAACCTAAACCTCTGGGAGGATGTTGGATGGATGTTTGGAACTCATGTC  
 CCAGGAATGCAGGGATGAAGTAGTTTTAATTGACTCTAGTTGTCTTTAGAAACTAGAAACATATCTT  
 CGAAAGCACAGGTTTTGCACTGATTGCAAAAAAAGTCCCTCCGAGCATACAATATCCTCATTGGTGAAC  
 TTGACTGCAGCAAGAGAAGGGCTACTGTGCTGCCCTGTATGAAGGATTGCGGTGCTGTCCACATGAGCG  
 ACACATACATGTTTGCTGTGAAACAGACTTCATTGCACATCTCTTGGGTCGTGCTGAGCCAGAGTTCGCA  
 GGAGGGTATGAGCGAAGAGAAAGACATGCTAAGACAATAGATATAGCTCAAGAAGAAGTTTTGACCTGCT  
 TGGGGATTCATCTTTATGAACGACTGCATCGGATCTGGCAAAAACTACGGGCTGAAGAGCAGACGTGGCA  
 GATGCTCTTTTATCTCGGTGTTGACGCTTACGTAAGAGCTTTGAGATGACTGTGGAAAAAGTGCAGGGT  
 ATTAGCCGCTTGAACAACCTTTGTGAGGAATTTTCAGAGGAAGAAGGTTAGAGAACTCAAGCAAGAAA  
 AGAAAACGCAAAAAACGGAAGAACAGACGAAAAAATAAGTGTGTGTGTGACTCCTGCTTCTTACACAC  
 CGCAGACGAGAAAAGCAGTGAGCCGAGAGAAGGAAACAGACTTCATTGAAAACAGCTGCAACGCCTGTGGC  
 AGTGCTGAAGATGGCGAGACTTGTGTAGAAGTAATGGTTACCAGTGAAAAACATCATGTACCTGTCCGA  
 GCAGTGGCAATCTTTGGGGTCCCTAAAATAAGAAAGGTATGTCTCCACACTGTAATGGTAGTGACTG  
 TGGATATTCATCTAGCATGGAAGGAAGTAAACAGGTTCTCGAGAAGGTTGAGATGTTGCCTGCACCGAG  
 GGAATTTGTAACCATGATGAACATGGTGAAGATTCCTGTGTTACCAGTGTGAAGACAAAGAAGATGATG  
 GTGACAGTTGTGTTGAATGTTGGGCAAAATCTGAAGAAAATAACATAAAAAGGAAAAAATAAAAAGAAGAA  
 AAAGAAAAGCAAGATGTTGAAATGCGATGAACATATCCAAAACTTGAAGCTGTATTACAGATCCAGGT  
 AATCGAGAGACCTCAGGAAACACTATGCACACAGTGTTCACCGTGACAAGACCAAGATGCACATCCTG  
 AGAGTTGTTGCAGCACTGAGAAGGGTGGCAGCCATTGCCTTGGTTTGGAGCATAGGAAAAGCGTACCACA  
 GTTCACAGAACCTACAGAAATGTCATTTGGTCCTGACTCTGAAAAGGTGCCAAGAGCTTAGTTGAACTT  
 CTTGATGAGTCTGAATGTACTTCAGATGAGGAAATCTTTATCTCACAAGTGAATACAGTCATTTATGG  
 CTAATAACCAGTCTTTCTACAGCAATAGAGAACAATACCGACAGCATCTGAAGGAGAAATTAATAAATA  
 CTGCCGCTTAAATGATCACAAGAGGCCGTTTGTAGTGGCTGGCTGACAACGGCTGGAGCAAAAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_153144
- Insert Size:** 2097 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\\_153144.2](#), [NP\\_694784.2](#)

**RefSeq Size:** 2967 bp

**RefSeq ORF:** 2097 bp

**Locus ID:** 217039

**UniProt ID:** [Q5SV77](#)

**Cytogenetics:** 11 C

**Gene Summary:** May be involved in spermatogenesis.[UniProtKB/Swiss-Prot Function]