

Product datasheet for **MC211098**

Ggnbp1 (NM_027544) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ggnbp1 (NM_027544) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ggnbp1
Synonyms: 0610031G08Rik; mdf
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211098 representing NM_027544
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCAGCCCCGGCGGGACCCCTCGGTCACGGATCTTAGGCTGCTCCTCCATGCTGCGCTTTCTCCGAA
ACCTGGTGGGGAGTAAGGGCGGTTCTAAGAGCACTAACAAAGCCCTGACCAGGAGCCAGCCAGCTCCTC
ATGGGAGCAAGATGTTGTCTCCCAATGATGGGCCACCAGGGAGGTCGTGGGAGGAAGGAGCCCGGGCC
AAGGTCCACTCTGCAGCTTCTCTAATGGGAAGAGGGAGCCCGCCAGGGTCTCTCTGCAGCTCCCT
CCAACCCGAGGCATGATGCCTTTGAGCTGGGCACTGGGGACTCAGGGTCCAGACCCTCACCTCCAAGGA
TGTCCCGAAGCTAAGGGCCAGGGTGTGAGGTAACATCAGTTCCCTCTCAGAGGAACCTGGGAGGTTCTG
GAGCAGCTACCTGAGAAGAAAGGAGAGGAGGAGGCCAGTAGGGGAGGTCTCCGGGCTCAGACAGGG
AGCATTTTGGCCAGGCCCTGGAGACAGAACAAGGATGCTTACAGTGGGTTCCGGGACTGGCGCTCAC
CCCTGGGGCTTCATCAAGGAGGAAGAGGATGAACACTGCCAATTGAGTTTGGAGACCTCAAGCCGTCC
TCTTGAAGGTGGGTCCACCCGTGGAATATCTCCTTGCTGTACAAGCAGCTCCAGAAGTCAGCCA
TGCCAAGGCTCAGAGACCAGTGCCTCAGTTGGCTCTCAAGGATGGCTTGCCCAACGAGGAAAGG
GGAGAGAGAAGAAGCGGTGGATGAGAGCTGTCCCAAGTGGTGTGCCCTCGCGCTCTAGCGACGAGAGC
TGTCCTCAAGTGGTGTGCCCGCTGCCTCCACCTACCAGTCGCCGCTGCAAAAAGAAGTTTAGGTCTACAG
ATACAGTGGGTTTTGTGGAGTCGGAGCTGAAGAAGATTCTGTCAGTGCAACGAGAGGCTCGCCTCTGGAA
GGTGGGCAACCCCGAGGGCCGGAGCTGCTGACCCAGCCAGACATCACACTGGAGGAGGCTGGCATGGTG
GACGGCCAGCACCTGCTCCTGGAGGAGATGGACGAGATGGGAACTGGCCCCCTCCAGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027544



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Insert Size:	1113 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>NM_027544.2</u> , <u>NP_081820.2</u>
RefSeq Size:	1525 bp
RefSeq ORF:	1113 bp
Locus ID:	70772
UniProt ID:	<u>Q6K1E7</u>
Cytogenetics:	17 A3.3
Gene Summary:	<p>Induces mitochondrial fragmentation, possibly by promoting DNM1L-dependent fission and may play a role in mitochondrial morphogenesis during spermatogenesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>