

Product datasheet for **MC218418**

Ggnbp1 (BC054732) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ggnbp1 (BC054732) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ggnbp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC054732 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGCTTCGACTCCTTTGCCTCCCGCATCCTCATCTCCGAGATGCAACCCAGCCCCACAGACAATCC
ACATTGAGTCCCTCATCATAGCTCTTCGCTGCTGGAATCCCTGAACCGCCACAGGCTGGAGGGAAAGTT
CTGTGATGTGTCCTCCTGGTTCAGGGCAGGGAAGCTTAGGGCTCACAAAGCAGTGTGGCTGCTGCCTCT
CCTTACTTCCATGACAAGCTGCTTTGGGGGATGCGCCCCGACTGACTTTACCGAATGTCATCGAGGCCG
ATGCGTTCGAGGGACTGCTTCAGCTCATTATTACGAAGCCTCCACCTGCCGCTGGATGCCCTCCCTGC
CCATCTCCTTGTAGCCAGCGCCTTCAGATGTGGCAAGTGGTAGATCGGTGCTCAGAGATTCTTCGAGAA
CTAGAAACGTCTGGTGGGATTTAGCCGGTGAAGAGCCTCCAGCCTCACACTTATTTCCACAACATCTT
CAGGAGGCTGGTGCATTCGCTCTCCCTTTCCAGAACCAGTACGCTCCTCTGCTTCTACAGAGAATTC
TGTTCTCCCTGAGAGCCCCGCTGGAGGGGAGGGGAGTGAAGTGAAGGAATGTTACAGATTCAGGTGAAA
GTAGAGGAGGAAGAGGAGCAGGGGTGAGCAGCTCCACTCTTCAGACTCCTCAGCCGGAGAGAGTGTCCG
GAGGGTTTCCCAAGCTTGTGGATCCCACCCATTGCCTACACCTGCTCTCCAGCAAGCCTTCAGAGGA
TGAGAGCTCAACAGTAGATCCTCCTGCCCTCCTGTACAAGCTTCCCAAATCTTATATGTGAATCAGGAA
AACGTTGAGTGTAAAGGAGGATAGCAAGAGGCACAAAGGAAAAGACCAAAGTACTATCTGGAGAGGACT
CTGAGGAGAAGGAGGAGCTGAGATACTTGTCTCCTCAGGAGGAGGGGAATCGTCTGGGGCAGGAGATCC
ATCGTGGAAACAGTGGATCTTCATGGGAATGAAATCCTGTGAGGGGATGGAGGACCTGGAGGAACAGGG
CAGGCTATGCATGGGCCGTGTAAGCTAGGAGGGACACCCCTGCAGATGGGAAGTGTCTTGTGCTTGT
GTGGAAAACGGTTTGAGTAAAGCCGAAACGAGACCGACACATCATGTTGACGTTACGCTTCGCCCTTT
TGGATGTGGCATCTGTAATAAACGTTTCAAGTTGAAGCATCATCTAACAGAGCACATGAAGACCCATGCC
AGAGCTCGATGCGTGTCCCATTTGTGGCCGTCGATTCGCTGTCAGGCCTTCTCCTTCGCCACCGGG
ACTTATGCAAGGGCCAGGGCTGGCCACTTACCCTGGACTTACAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	BC054732
Insert Size:	2448 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>BC054732</u>
RefSeq Size:	5028 bp
RefSeq ORF:	1379 bp
Locus ID:	70772
Cytogenetics:	17 A3.3
Gene Summary:	Induces mitochondrial fragmentation, possibly by promoting DNM1L-dependent fission and may play a role in mitochondrial morphogenesis during spermatogenesis.[UniProtKB/Swiss-Prot Function]