

Product datasheet for **RN204463**

Ggnbp2 (NM_001004273) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ggnbp2 (NM_001004273) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ggnbp2
Synonyms:	Zfp403; Znf403
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204463 representing NM_001004273
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGACTGGTGGCAGTGTGCAGGGACGGGGAGGAGGAGTCCCCCTCGAGAGGAGGCAGATCCCC
 TCTACATAGACGACACTCTCACGATGGTATGGAATTCCTGACAATGTTTTAAATCTTGATGGGCATCA
 GAATAATGGTGCACAACAAAGCAGTTTATTCAGCGACATAGTATGCTTAAGCAACAAGATTTAAGTATT
 GCCATGGTGGTAACATCACGTGAAGTCTTGAGTGCACCTTCTCAGCTTGTCCCATGTGTTGGTTGTCGTC
 GCAGTGTGGAACGCCTCTTTTCTCAGCTTGTAGAGTCTGGAAATCCTGCCCTTGAACCCCTGACAGTAGG
 GCCCAAGGGAGTACTATCTTTGACTCGAAGCTGCATGACTGATGCAAAAAAGCTTTATACATTATTTTAT
 GTACATGGGTCCAACTAAATGATATGATAGATGCTATCCAAAAAGTAAAGAACAAGAGATGTCAGT
 TACACTCTTTAGATACACACAAACCTAAACCTTTGGGAGGATGTTGGATGGATGTTTGGGAACTAATGTC
 CCAGGAATGCAGGGATGAAGTAGTTTTAATTGACTCTAGTTGTCTTTAGAAACTAGAAACGTATCTT
 CGAAAGCACAGGTTTTGCACTGATTGCAAAAAATAAGTCTCCGAGCATACAATATCCTCATTGGCGAAC
 TTGACTGCAGCAAGAGAAGGGCTACTGTGCTGCCCTTATGAAGGCTTGCGGTGTGTCCGCATGAGCG
 ACACATACATGTTTGGTGTGAAACAGACTTCATTGCACATCTCTTGGGTCGTGCTGAGCCAGAGTTCGCA
 GGAGGGCAGCAGAAAAGACATGCTAAGACAATAGATATAGCTCAAGAAGAGGTTCTCACTTGGTTGGGA
 TTCATCTTTATGAACGACTGCATCGAATCTGGCAAAAACACGGGCGGAAGAGCAGAGCTGGCAGATGCT
 CTTTTATCTTGGTGTGATGCTTACGTAAGAGCTTTGAAATGACTGTGGAAAAAGTGCAGGGTATTAGC
 CGCTTGGAACTTTGTGAGGAATTTTCAGAGGAAGAAGCAGTTAGAGAACTCAAGCAAGAAAAAGAAAC
 GCCAAAAACGGAAGAAGCAGACGAAAAATAAGTGTGTGTGTGATAGTCTTCTTACACACAGCAGA
 TGAGAAAAGCAGTAAGCCAAGAAAAGGAAAACAGACTTCATGGAAAAAGCTGCAAAAGCCTGTGGCAGCACT
 GAAGATGGTAATACTTGTGTAGAAGTAATTGTTACCAATGAAAAATACATCATGTACTTGTCTAGCAGTG
 GCAATCTTTTGGGTCGCCCTAAAAATAAGAAAAGGCATGTCTCCACACTGTAAACGGCAGTGATTGTGGATA
 TTCATCTAGCATGGAAGGAAGTGAGACAGGTTCTCGGGAAGGTTCCAGATGTTGCCTGCACCGAGGGGATT
 TGTAACCATGATGAACATGGTGAAGATCCCTGTGTCCATCACTGTGAAGACAAAGAAGATGATGGTGACA
 GTTGTGTTGAATGTTGGGCAATTTCTGAAGAAAATAACACAAAAGGAAAAATAAAAAGAAGAAAAAGAA
 AAGCAAGATGTTGAAATGCGATGAACATATCCAAAACTTGAAGCTGTATTACAGATCCAGGTAATCGA
 GAGACCTCAGAAAACCCATGCACACAGTGTTCACCGTGACAAGACCAAGATGCACATCTGAGAGTT
 GTTGCAGCACTGAGAAGGGTGGCAGCCATTGCCTTGGTTTGTGAGCATAGGAAAAAGTACCACAGTTCAC
 AGAACCTACAGAAATGTCATTTGGTCTGACTCTGGAAAAGTGCCAAGAGCTTAGTTGAACTTCTTGAT
 GAGTCTGAATGTACTTACAGATGAGGAAATCTTTATCTCACAAGATGAAATACAGTCATTTATGGCTAATA
 ACCAGTCTTTCTACAGCAATAGAGAACAATACCGACAGCATCTGAAGGAGAAATTAATAAATACTGCCG
 CTTAAATGACCACAAGAGGCCGTTTGTAGTGGCTGGCTGACAACGGCTGGAGCAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001004273
- Insert Size:** 2091 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_001004273.1](#), [NP_001004273.1](#)

RefSeq Size: 2786 bp

RefSeq ORF: 2091 bp

Locus ID: 360584

UniProt ID: [Q6GVH5](#)

Cytogenetics: 10q26

Gene Summary: mouse homolog is induced by dioxin and may play a role in spermatogenesis [RGD, Feb 2006]