

Product datasheet for **RN206084**

Gtpbp2 (NM_001013225) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtpbp2 (NM_001013225) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gtpbp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206084 representing NM_001013225
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTCGCGAGTATCGGAACGTTCGCGGCTGCTGCCGACCCGGAGGAGCCCGCCATGGCGGAA
 ACCTCAAAGCTCGGGGGCTGGCGGTAGCAGCAGTTGCGGGGCCCAAAGGGGAAGAAGAAGAACGGAAG
 GAACAGAGGAGGTAAAGCCAACAACCCCTCCGTACCTGCCCCAGAGGCTGAAGATGGAAACATCGAATAC
 AAAGTGAAGCTGGTGAACCCATCTCAGTACCGCTTTGAGCACTTGGTGACGCAAATGAAGTGGCGCTCC
 AGGAGGGACGCGGTGAGGCTGTCTACCAGATTGGGGTAGAGGACAATGGGCTGCTGGTGGGGCTGGCTGA
 GGAGGAGATGCGGGCTCCCTCAAGACCCTGCACCGGATGGCAGAGAAGGTTGGGCAGACATCACTGTT
 CTTGGGAGCGAGAGGTGATTATGACAGCGACATGCCCGGAAGATCACGGAGGTGCTTGCCGAAAGG
 TCCCCGACAACCAACAGTTCCTCGATCTCCGTGTGGCCGTCTAGGGAATGTGGACTCCGGGAAGTCAAC
 CTTGCTTGGAGTCTGACCAAGGAGAGCTAGACAACGGGCGGGCCGGGCCGACTCAACCTTTTCCGC
 CACCTGCATGAGATTCACTGTCGACGAACCTCCAGCATCAGCTTTGAGATCCTGGGCTTTAACAGCAAGG
 GAGAGGTGGTGAATTACAGCGACTCACGGACTGCAGAAGAGATCTGCGAGAGCAGCTCCAAGATGATCAC
 CTTTCATCGACCTGGCGGGCCACCATAAATACCTGCACACCACCATCTTTGGCCTCACCTCTACTGCCCC
 GACTGTGCCCTGCTCCTCGTCAGTGCCAACACTGGAATCGCTGGCACCACACGGGAACATCTGGGCTGG
 CCTTGGCCCTGAAAGTGCCTTCTTCATCGTGGTCAAGTAAAGTGGACCTGTGTGCTAAGACCACAGTGGA
 GAGGACAGTACGCCAGCTGGAGCGGGTCTCAAGCAGCTGGCTGCCACAAGTCCCCATGCTGGTCAAC
 TCTGAGGATGATGCTGTCACTGCTGCCAGCAGTTTCCCAGTCACCCAATGTCAACCCTATATTTACAC
 TGTCCAGTGTGTCGGAGAGAGTCTGGACCTTCTTAAAGTCTTCCCTGAATATCCTGCCGCACTCACCAA
 CAGCAAAGAGCAGGAGGAACATGACAGCAGCTGACAGAATTCCAGGTGGATGAGATCTACACAGTCCCA
 GAGGTGGGGACCGTGGTTGGAGGACACTATCCAGTGGCATCTGCCGTGAGGGGGACCGCTGGTGGTGG
 GCCCGACAGATGACGGCTGCTTCTTGGAGCTGAGAGTTTGCAGCATCCAGCGCAACCGCTCTGCCTGCCG
 TGTGCTTCGAGCTGGCCAGGCGGCTACGCTAGCCCTTGGAGACTTTGACCGTGCAGTCTGCGCAAGGGC
 ATGGTGTGGTAAAGCCCTGAGATGAACCCACCATTTGCTCCGTGTTGAGGCAGAGATAGTCTACTGT
 TCCATGCCACCACTTTCCGGCGGGGATTCCAGGTGACAGTACACGTGGGCAACGTACGTCAGACAGCAGT
 GGTGAAAAGATCCATGCAAAGGACAAGCTGCGGACAGGGGAGAAGGCAGTGGTACGTTTCCGTTTCCCTG
 AAACCCAGAATACCTGAAGGTGGGCGCCAAACTGCTGTTCCGGGAGGGTGTACCAAGGGCATCGGTC
 ATGTCACGGATGTACAAGCCATCGCAGCAGGAGAAGCCAGGCCAGCATGGGCTT**CGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001013225
- Insert Size:** 1809 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_001013225.2](#), [NP_001013243.2](#)

RefSeq Size: 2955 bp

RefSeq ORF: 1809 bp

Locus ID: 363195

Cytogenetics: 9q12