

Product datasheet for **RN206743**

Gtpbp4 (NM_053689) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtpbp4 (NM_053689) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gtpbp4
Synonyms:	Crfg; RGD1563564
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN206743 representing NM_053689
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCATTACAACCTCAAGAAGATTACGGTGGTCCCGTCAGCCAAGGACTTTATTGACCTGACATTAT
 CCAAGACACAACGAAAGACTCCAACGGTTATTCATAAACATTATCAAATTCATCGAATTCGACATTTTAA
 TATGAGAAAAGTCAAATTTACTCAACAGATTATCATGACAGACTGTACAGATTCTGTCCGATTTCCCC
 AAATTGGATGATATCCATCCATTTTATGCTGACTTGATGAATATCTCTATGACAAGGATCACTACAAGT
 TGGCTCTAGGACAAATAATATTGCCAAAACTTGGTGGACAATGTTGCTAAAGATTACGTGCGACTTAT
 GAAGTATGGTATTCTCTACCGATGCAAGCAGCTGAAGCGCGTGCCTGGGGCAATGTGTACGATT
 ATCAAGAGGCAGAGGCAGAGTTGGAGTACTTGGAAACAAGTACGTCAACATCTATCCCGCTTGCCAACCA
 TTGATCCAAATACAAGGACTCTACTTTTGTGTGGGTATCCAAATGTTGGGAAATCCAGCTTCATCAATAA
 GGTGACAAGAGCAGATGTGGATGTTGAGCCCTATGCATTTACCACCAAGTCTCTGTTTGTGGGCACATG
 GATTATAAGTATCTGCGCTGGCAGGTTGTAGATACTCCAGGGATTTCCGGATCATCTTTGGAGGATCGGA
 ACACCATTGAGATGCAGGCCATCACAGCCCTGGCCAGCCCCGAGCTGCAGTTCTGTATGTGATGGATT
 GTCTGAGCAGTGTGGACATGGGTTGAAGGAGCAATTAGAATCTTCCAGAATATCAGACCCTGTTTATC
 AACAAAGCCTCTTATTGTTGTAGCAAAACAATGTGATGTGAAGAGAATAGCTGAATTTCTGAAGAAGATC
 AGAAAATATTTCTAGACTTGCAAGCTGAAGGATTTCTGTGATCGAGACCAGCACCTGACTGAGGAAGG
 TGTCATTCAAGTTAAAACGGAGGCTTGTGATAGGCTTTGGCTCACCGAGTAGAAACGAAAATGAAAGGA
 AATAAAGTGAATGAGGTTCTGAACAGATTGCACCTAGCTGTGCCCAACAAGAGAGATGACAAGGAGAGAC
 CCCCCTTCATCCAGAAGGAGTGGTAGCTCGTGGAAAGAGAATGGAGATCGCAGAACCAAGAAGAAGAG
 GGAACGAGATCTTGAGCTGGAAATGGGAGATGATTATATTTTGGATCTTCAGAAATACTGGGACTTAATG
 AATTCATCTGAGAAGTATGATAAGATACAGAGATTTGGGAAGGCCACAATGTTGCTGATTATATCGATC
 CTGCTATCATGAAGAAATTAGAAGAGTTGGAAAAGGAAGAAGAGCTCCGAACAGCTGCTGGGGAGTATGA
 CAGTGAGTCTGAGAGTGAAGACGAGGAAATGGTGGAAATCCGACAGCTGGCAAAACAAATTAGAGAGAAG
 AAGAAGTTGAAAATTTCTACAGTCCAAAGAAAAGAACACACAGGGACCCCGCATGCCCGGACTGCTAAGA
 AGGTTCAACGGGCAGATTTAGAGAATGAGATGCGTAGTCTTGGCGTGGACATGGATGATAAAGACAATGC
 CCACTATGCAGTCCAGGCCAGAAGATCTCGAGTGTACCAGGAAAAGAAAACGAGAAGAGTCTGTTCTCT
 CCCTCTTCCATAGCCCGCAGTCGAGTGGAGTGTCTAAAACGCCACGTGATGTTTCTGGTCTTCGGG
 ATGTCAAGATGGTGAAGAAAGCCAAAGACCATGATGAAGAAAGCCAGAAGAAGATGAATCGCTTGGGGAA
 GAAGGGGAAGCAGATAGGCATGTGTTTATATGAAGCCCAAGCACCTACTCTCTGGGAAGAGGAAAGCT
 GGTAAAAAGGACAGGAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053689
- Insert Size:** 1911 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_053689.3](#), [NP_446141.3](#)

RefSeq Size: 2320 bp

RefSeq ORF: 1911 bp

Locus ID: 114300

Cytogenetics: 17q12.1

Gene Summary: may be involved in GTP-mediated signaling associated with cell proliferation and renal function [RGD, Feb 2006]