

Product datasheet for **RN217700**

Btaf1 (NM_001191917) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Btaf1 (NM_001191917) Rat Untagged Clone
Tag: Tag Free
Symbol: Btaf1
Synonyms: RGD1564130
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217700 representing NM_001191917
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTACCAGGCTGTCTGTTTTCTCTTAATACTCGATCGTCTTTTTATCTTACTGGATACGGGTA
CTACCCAGTTACAAGAAAAGCCGCTGCACAGCAACTGGAGAAGTGGTAAAACCTCATCCTCATGAATT
AAATAATTTGTTATCTAAGGTATTAATATATTTAAGGAGTGCAAATGGGATACTCGGATTGCAGCAGGA
CAAGCTGTTGAAGCTATAGTGAAAAACGTGCTGAGTGAATCCAGTGCCAAGAACCAAACAAGAACCCA
CAGAGTGTCTATGGAAGATTCATCTACTACAGATCGATTAATTTTTGACAGATTTGATATATGCAGATT
GTTACAGCATGGGGCATCACTTTTGGGGTCTGCTGGTGCAGAAATTTGAAGTTCAAGATGAAAAATCAGGT
GAAGTGGATCCTAAAGAGAGGATAGCACGCCAACGGAAATTTACAGAAGAACTGGACTTAATATGG
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TGGAAACAAATGAGAAGAGCAATGACAGCACTGATGGAGAGCCGGAAGAAAAGAGACGGAAGTAGCAAA
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GGATGTGCTGCTGAAATTTATGACACAAGAACAGTGGGAAGTTAGACATGGTGGTCTTCTGGGAATAAA
TATGCTTTGGCAGTTCGTCAGGACGTGATTAATACTTTATTGCCTAAAGTTTTAACTCGAATAATCGAAG
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GATCTAACAGCTTCAACCAATAGTATTATGACTCTCTTTCATCCATGTTAACTTACCCTCAGGTCAGC



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AATGCAGTATTCAGCAGTCACTCACAGTTTTAGTCCCACGGGTCTGGCCATTTTTACATCACACTATATC
 TTCAGTTCGAAGAGCAGCATTGAAACTCTTTACATTATTATCAACACAGGACCAGAACTCGTCGTCT
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 CCTTTCTCAATAAGTATAAGCTTCATGGGATTCTATGTGACGACATGGGCTTAGGGAAAACTGCAGTC
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 ATGCCACTTCTTCTTGGTGGTTTGGCCACCGACATTAACAGGCCATTGGGTGGATGAAGTAGGTAAT
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 TCAAGTAAAAAGGCATAATCTGATAGTGCCTCATATGATGTTGTGAGGAATGACATAGACTTTTTTAGG
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 AAGCAGTAAAAACAACCTGACTGCTAACTATAGGATTATTCTTTCTGGAACCAATCCAGAACAATGTTTT
 GGAGTTGTGGTCAATTATTTGATTTCTTATGCCTGGATTTTGGGTACTGAACGCCAGTTTGTGCTCGA
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 TCTTCCACCTAAAATTATTCAAGACTTACTGTACTCTTAGCCCTCCTCAGGTTTCACTTTATGAAGAT
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 TGGGAAATGGCACTTCTCGGAGAGCGGCACAGAGTCTGTTGTGGCACAGCACAGAATACTGATCTTCTG
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 TTGAGACTGGATGGCAGCATACCTCCTGGACAGAGGCACTCCATTGTGTCGGGTTTAAACAATGACCCAT
 CCATTGATGTTCTTACTCACAACCTATGTTGGTGGCTAGGGCTTACCTGACTGGTGTGACTGACTGT

GGTGTGGTGGAGCATGACTGGAACCCTATGCGAGATTTACAGGCCATGGACCGGCCCATCGTATTGGG
 CAGAAACGTGTGGTTAATGTCTACCGGTTGATAACAAGAGGAACACTAGAAGAAAAGATCATGGGCTTGC
 AGAAATCAAGATGAACATTGCAAATACCGTTATTAGCCAAGAAAATCCAGCTTACAGAGTATGGGGAC
 TGACCAGCTTCTCGACCTGTTTACTCTAGACAAGGATGGAAGGCAGAAAAGGCTGACAGCTCCACCTCT
 GGAAAAGCGAGCATGAAATCAGTTCTTGAAAACCTGAGTGACCTCTGGGACGCCGAGCAGTATGATTCCG
 AGTACAACCTGGAGACCTTCATGCGCTCTCTCGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191917
- Insert Size:** 5568 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191917.1](#), [NP_001178846.1](#)
- RefSeq Size:** 8366 bp
- RefSeq ORF:** 5568 bp
- Locus ID:** 368042
- Cytogenetics:** 1q53