

Product datasheet for **RR202315**

Btrc (NM_001007148) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btrc (NM_001007148) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Btrc
Synonyms:	beta-TrCP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR202315 representing NM_001007148
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCCGGCAGAGCGGTGCTGCAGGAGAAAGCGCTCAAGTTTATGGTGCAGTTCGGCTGGTGGAT
 ATTGGAGGAATAATAAAAGTGCTCTATGCCAGGTCTCTGTGGCTGGGCTGCTCCAGCCTGGCGGACAG
 CATGCCCTCGCTGCGATGCCTGTATAACCCAGGGACTGGCGCACTCACAGCTTCCAGAATTCCTCAGAG
 AGAGAAGACTGTAATAATGGCGAACCCCTAGGAAGATAATACCAGAGAAGAATTCACCTAGACAGACTT
 ACAACAGCTGTGCCAGGCTCTGCATAAACCAAGAGACAGTATGTCTAACAGCACTGCTATGAAGACTGA
 AAATTGTGTGGCCAAAACAACTTGCATGACCTCCAGCATGATTGTGCCCAAGCAGCGGAAACTC
 TCAGCAAGCTATGAGAAGAAAAGGAGCTGTGTCAAGTACTTTGAGCAGTGGTCAGAGTCTGATCAAG
 TGAATTTGTAGAACACCTTATCTCAAATGTGTCATTACCAGCATGGGCACATCAACTCTATCTAAA
 GCCTATGTGCAGAGGGATTTCAACTGCACTGCCAGCACGGGGTCTGGACCATATTGCTGAGAACATT
 CTGTCATACTTGGACGCCAGATCACTGTGTGCTGCTGAGCTTGTGTGCAAGGAATGGTACCGCGTGACGT
 CGGACGGCATGCTGTGGAAGAAGCTCATCGAGAGGATGGTCAGGACAGACTCTCTGTGGCAGGCCCTGGC
 AGAGCGCAGAGGGTGGGGACAATACTTATTTCAAAAACAACTCCTGATGAGAATGCGCCTCCAACTCC
 TTTTATAGAGCGCTTATCCTAAAATTATAACAAGACATTGAGACAATAGAGTCCAATTGGAGATGTGGGC
 GACACAGTTTACAGAGAATCCACTGCCGGAGTGAACAAGTAAAGGGGTCTACTGTTTACAGTATGATGA
 CCAGAAGATAGTCAGTGGCTTCGAGACAACACCATCAAGATCTGGGATAAAAGCACACTGGAATGCAAG
 CGGATCTCACAGGCCACACAGGCTCTGTCTGTGTGTCAGTATGACGAGAGGGTATCATCACGGGCT
 CCTCAGACTCCACCGTCAGAGTGTGGACGTAATGCAGGGGAGATGCTAAACACATTGATTCACCACTG
 TGAAGCCGTCTGCACCTGCGCTTCAATAACGGCATGATGGTGACCTGCTCCAAAGACCGATCCATTGCT
 GTGTGGGATATGGCTTCCCAACTGACATCACCTCAGGAGGGTCTGGTGGGCCACCGAGCTGCGGTCA
 ATGTTGTCGACTTTGATGACAAGTACATCGTTTCTGCCTCTGGAGACAGAACCATAAAGGTGTGGAACAC
 AAGTACCTGTGAATTTGTAAGGACCCTAAATGGGCACAAGCGTGGTATCGCCTGTTTGCAGTACAGAGAC
 AGGCTGGTGGTGAAGCGCTCCTCTGACAACACCATCAGGCTGTGGGACATAGAGTGCAGTGCATGTCTGC
 GAGTGTGGAAGCCATGAGGAATTGGTACGCTGTATTGATTTGATAACAAAAGGATAGTGAAGTGGGGC
 CTATGATGAAAAATTAAGTGTGGGATCTTATGGCTGCTCTGGACCCGCGTCTCTGCAGGGACTCTT
 TGTCTACGGACGCTTGTGGAGCATTCTGGAAGAGTTTTCCGACTCCAGTTTATGATGAATTCAGATTGCA
 GTAGTTACATGATGACACAATTCATCTGGGACTTCTAAATGATCCAGCCACTCATGCTGAACCGCC
 CGCTCCCTTCTCGGACATACCTACATCTCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR202315 representing NM_001007148
 Red=Cloning site Green=Tags(s)

MDPAEAVLQEKALKFMAAVPAGGYWRNNKCSMPRSLWLGCSSLADSMPSLRCLYNPGTGALTAFAQNSSE
 REDCNNGEPPRKIIPEKNSLRQTYNSCARLCINQETVCLTSTAMKTENCVAKTKLANGTSSMIVPKQRKL
 SASYEKELCVKYFEQWSESDQVEFVEHLISQMCHYQHGHSYLPMLQRDFITALPARGLDHIAENI
 LSYLDARSLCAAELVCKEYRVRTSDGMLWKKLIERMVRTDSLWRGLAERRGWGQYLFKNKPPDENAPPNS
 FYRALYPKIIQDIETIESNWRGRHSLQRHCRSETSKGVYCLQYDDQKIVSGLRDNTIKIWDKSTLECK
 RILTGHTGSVLCQYDERVIIITGSSDSTVRVWDVNAGEMNLTIHHC EAVLHLRFNNGMMVTC SKDRSIA
 VWDMASPTDITLRRVLVGHRAAVNVVDFDKYIVSASGDRTIKVWNTSTCEFVRTLNHKGRIACLQYRD
 RL VVSGSSDNTIRLWDIECGACLRLVLEGHEELVRCIRFDNKRIVSGAYDGKIKVWDLMAALDPRAPAGTL
 CLRTLVEHSGRVFRLQFDEFQIVSSSHDDTILIWDFLNDPATHAEPPRSPSRITYYISR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001007148

ORF Size: 1857 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001007148.2](#), [NP_001007149.2](#)

RefSeq Size: 2334 bp

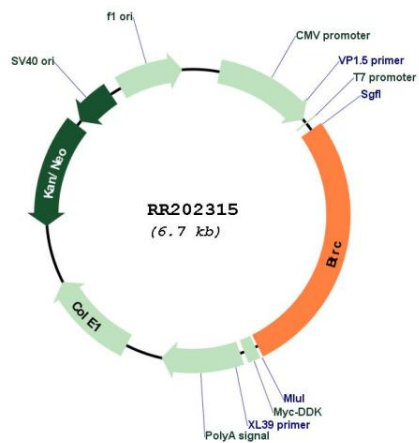
RefSeq ORF: 1860 bp

Locus ID: 361765

Cytogenetics: 1q54

MW: 70.5 kDa

Product images:



Circular map for RR202315