

Product datasheet for **RR215421**

Bche (NM_022942) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bche (NM_022942) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bche
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR215421 representing NM_022942
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTCACAGAAATTCACCTTCTCTATGGATTCTTCTGCTCTGCATGCTTTTTGGGAAGTCACACACTG
 AAGAAGACGTCATAATTACAACCAAGACTGGAAGAGTCCGAGGGCTGAGCATGCCATTCTAGGTGGCAC
 AGTGACTGCCTTTCTCGGTATCCCTATGCACAGCCTCCTCTGGGTAGCCTAAGATTCAAAAAGCCACAA
 CCTTTAAACAAATGGCCTGATGTCTATAATGCCACTAAATATGCAAATCTTGTATCAGAATATAGATC
 AAGCCTCCCAGGCTCCAGGGGTGAGAAATGTGAATCCAAACACGAACCTCAGTGAAGACTGCTTGTA
 TCTGAATGTTGGATTCCAGTACCTAAGCCCAAGAATGCGACTGTCATGGTGTGGGTCTATGGTGGTGGC
 TTTCAAAGTGGACCTCCTCTACCCGTTTATGATGGGAAATTTCTCACTCGTGTGAAAGAGTTATTG
 TAGTTTCAATGAACTATAGGGTAGGTGCCCTAGGATTCTAGCTTTTCCAGGAAATCTGAGGCTCCAGG
 AAACATGGGTTTATTTGATCAACAGTTGGCACTTCAGTGGATCCAAAGAAATATAGCTGCTTTCCGAGGG
 AATCCTAAAAGTGAACACTTTTTGGAGAAAGTGCAGGAGCTGCTTCAGTTAGCTTACATTTGCTATGTC
 CCCAAAGTACCTTTGTTTACTAGAGCCATTCTAGAAAGTGGCTCCTCTAATGCCCCCTGGGCAGTAAA
 GCATCCAGAGGAAGCCAGAAACGAACTTAACCTTAGCTAAATTTATTGGTTGCTCAAAGGAGAATGAG
 AAGGAGATAATTACATGCCTTCGAAGTAAAGATCCTCAGGAAATCTTCTGAATGAAAAGTTAGTTCTCC
 CCTCTGATTCCATCAGATCGATTAATTTTGGTCCAACAGTGGATGGCGATTTTCTCACTGATAGCCCCA
 CACTACTCCAAGTGGAAAAGTGAACAGCTCAGATCTTAGTGGCGTTAACAGGATGAAGGGACA
 GCTTTCTAGTGTACGGTCTCTGGTTTCAGCAAAGACAATGATAGTCTTATCACACGGAGGGAATTTT
 AAGAAGGTTTAAATATGTATTTCCCTGGAGTGAGCAGCTTGGGAAAGGAAGCAATCCTTTTCTACTATGT
 GGACTGGTTAGGTGACCAGACACCGGAAGTCTACCGTGAAGCTTTCGATGATATTATTGGAGATTACAAC
 ATCATATGCCCTGCACTGGAGTTTACCAAGAAATTTGCAGAACTAGAAATTAATGCCTTTTTTCTACTATT
 TTGAACACCGATCTTCCAAACTACCTTGGCCAGAATGGATGGGAGTAATGCATGGCTATGAAATTGAATT
 TGTATTTGGCTTACCCCTGGAAAGAAGAGTTAATTACACAAGGGCTGAGGAAATCTTTAGTCGATCCATA
 ATGAAAAGTGGGCAATTTTGCAAAATATGGACATCCCAATGGGACTCAGGGCAATAGCACAGTGTGGC
 CTGTCTTACAAGTACTGAACAAAATACCTAACCTTGAACACAGAGAAGTCAAAAATAAAGTCTAAAGT
 CCGGGCTCCCCAGTGCCAATCTGGAGACTATTTTTTCCAAAAGTCTTGGAAATAACAGGAGATATTGAT
 GAAAGGGAGCAAGAGTGAAGGCAGGATCCATCGCTGGAGCAATTACATGATGGACTGGAAAAATCAAT
 TTAACGATTACACTAGCAAGAAAGAGACTGTACAGATCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR215421 representing NM_022942
 Red=Cloning site Green=Tags(s)

MVTEIHFLWILLLCMLFGKSHTEEDVIITTKTGRVRGLSMPILGGTVTAFLLGIPYAQPPLGSLRFKPKQ
 PLNKWPDVYNATKYANSCYQNIQAFPGFQSEMWNPNLSEDCLYLNWVWPVPKPNATVMVWVYGGG
 FQTGTSSLPVYDGKFLTRVERIVVSMNYRVGALGFLAFPGNSEAPGNMGLFDQQLALQWIQRNIAAFGG
 NPKSVTLFGESAGAAVSLSLHLLCPQSYPLFTRAILESSESNAPWAVKHPEEARNRTLTLAKFIGCSKENE
 KEIITCLRSKDPQEILLNEKLVLPDSIRSINFGPTVDGDFLTDPHTLLQLGKVKTAQILVGVNKDEGT
 AFLVYGAPGFSKDNDSLITRREFQEGLNMYFPGVSSLGKEAIFYVDWLGDQTPVEVYREAFDDIIGDYN
 IICPALEFTKKFAELEINAFFYFHEHRSSKLPWPEWVMGMHGYEIEFVFLPLERRVNYTRAEEIFSRSI
 MKTWANFAKYGHPNGTQGNSTVVPVFTSTEQKYLTLNTEKSKINSKLRAPQCQFWRLLFFPKVLEITGDID
 EREQEWKAGFHRWSNYMMDWKNQFNQDYTSKKTCTDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_022942

ORF Size: 1791 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_022942.1](#), [NP_075231.1](#)

RefSeq Size: 1878 bp

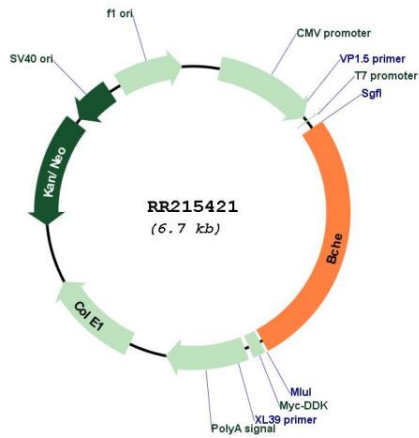
RefSeq ORF: 1794 bp

Locus ID: 65036

Cytogenetics: 2q32

MW: 67.8 kDa

Product images:



Circular map for RR215421