

## Product datasheet for **RC215772**

### **BCAS4 (NM\_017843) Human Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: BCAS4 (NM\_017843) Human Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: BCAS4  
 Synonyms: CNOL  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >RC215772 representing NM\_017843  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCAGCGGACCGGGGGCGGGCTCCGAGGCCCGGGCGCAACCACGGGCTCCAGGCAGCCTCCGCCAGC  
 CGGACCCCGTCGCCCTCCTGATGCTGCTCGTGGACGCTGATCAGCCGGAGCCCATGCGCAGCGGGGCGCG  
 CGAGCTCGCGCTTCTGACCCCGAGCCTGGGGCCGAGGCGAAGGAGGTGGAGGAGACCATCGAGGGC  
 ATGCTCCTCAGGCTGGAAGAGTTTTGCAGCCTGGCTGACCTGATCAGGAGTGATACTTACAGATCCTGG  
 AGGAAAACATCCCAGTCCTTAAGGCCAACTGACAGAAATGCGTGGCATCTATGCCAAAGTGGACCGGCT  
 AGAGGCCCTTCGTCAAGATGGTTGGACACCACGTCGCCCTTCTGGAAGCAGACGTGCTTACAGGCTGAGCGG  
 GACCATGGGGCCTTCCCTCAGGCCCTGCGGAGGTGGCTGGGATCCGCAGGGCTCCCTCCTTCAAGAACG  
 TGGAGTGCAAGTGGCACAATCCCAGCTCGCTGCAACCTCCGCCCTCCCGGGTTCAAGTGATTCTCCTGCCTC  
 CGCCTCCAAGTAGCTGGGATTACAGAAGTCACCTGCACCGGTGCCCGTGACGTACGAGCTGCCACACT  
 GTA

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC215772 representing NM\_017843  
 Red=Cloning site Green=Tags(s)

MQRTGGGAPRPNHGLPGSLRQDPVALLMLLVDADQPEPMRSGARELALFLTPEPGAEAKEVEETIEG  
 MLLRLLEEFCSLADLIRSDTSQILEENIPVLKAKLTEMGIYAKVDRLAFVKMVGHHVAFLEADVLAER  
 DHGAFPQALRRWLGAGLPSFRNVECSGTIPARCNLRLPGSSDSPASASQVAGITEVTTCTGARDVRAAHT  
 V

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8028\\_g09.zip](https://cdn.origene.com/chromatograms/mk8028_g09.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_017843

**ORF Size:** 633 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\\_017843.4](#), [NP\\_060313.3](#)

**RefSeq Size:** 1368 bp

**RefSeq ORF:** 636 bp

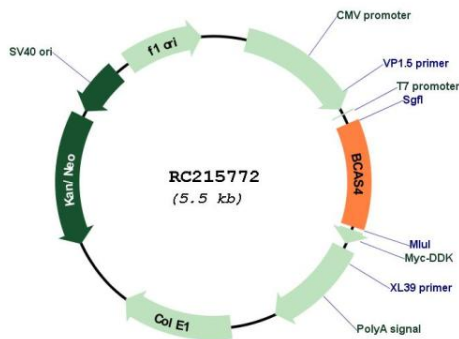
**Locus ID:** 55653

**UniProt ID:** [Q8TDM0](#)

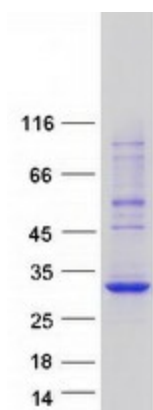
**Cytogenetics:** 20q13.13

**MW:** 22.6 kDa

**Product images:**



Circular map for RC215772



Coomassie blue staining of purified BCAS4 protein (Cat# [TP315772]). The protein was produced from HEK293T cells transfected with BCAS4 cDNA clone (Cat# RC215772) using MegaTran 2.0 (Cat# [TT210002]).