

## Product datasheet for **RC232812**

### **CORO2B (NM\_001190456) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	CORO2B (NM_001190456) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CORO2B
Synonyms:	CLIPINC
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RC232812 representing NM\_001190456  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCCTGGCGTCCGCAATACCGTAGCTCCAAGTTCGGAATGTCTACGGGAAGGTGCCAACCGGGAGC  
 ACTGCTTCGATGGGATCCCCATACCAAGAATGTGCACGACAACCACTTCTGTGCCGTCAACACCCGCTT  
 CCTGGCCATCGTCACCGAGAGCGCAGGGGGCGGCTCCTTCTCGTCATCCCCCTGGAGCAGACAGGCAGG  
 ATTGAACCCAACACCCCAAGGTCTGCGGCCACAGGGCAATGTGCTGGATATCAATGGAACCCCTTCA  
 TCGACAACATCATTGCCTCGTCTCGGAGGACACGTGGTGGGATCTGGGAGATCCCCGAGGGCGGGCT  
 GAAGCGGAACATGACGGAGGCGCTCTGGAGCTGCACGGGCACAGCCGGCGTGTGGGGCTGGTGGAGTGG  
 CACCCACCAACAACATCCTGTTCAAGCTGGCTACGACTACAAGTCTCATCTGGAACCTGGATG  
 TGGGTGAGCCGGTGAAGATGATTGACTGCCACACGGATGTGATCCTCTGCATGCCTTCAACACGGACGG  
 CAGCCTGCTCACACCACGTGCAAGGACAAGAAGCTGCGTGTGATTGAGCCCCGCTCTGGCCGTGTTCTG  
 CAGGAGGCCAACTGCAAAAACCACAGAGTGAACCGGGTGGTGTCTCTGGGGAACATGAAGCGGCTCCTCA  
 CGACAGGGGTCTCCAGGTGGAACACAAGACAGATTGCCCTCTGGGACCAGGAGGACCTCTCCATGCCCT  
 GATCGAAGAGGAAATTGATGGGCTCTCTGGCCTCTGTTCCCCTTCTATGATGCTGACACCCACATGCTC  
 TACCTGGCTGGAAGGGTATGGAACATCCGGTACTACGAGATCAGCACTGAGAAGCCCTACCTGAGTT  
 ACCTCATGGAGTTCGGCTCCCCAGCCCCGAGAAAGGCCAGGGGTATGCCCAAGCAGGGGCTGGATGT  
 GTCAGCCTGCGAGGTGTTCCGCTTCTACAAGCTGGTACTCTCAAGGGCCTGATCGAGCCATCTCCATG  
 ATCGTCCCCGGAGGTGATTCCTACCAGGAAGACATTTACCAATGACACCAGGCACGGAGCCAGCAC  
 TGACCCCGGATGAATGGCTGGGAGGCATCAACCGAGATCCCGTGTGATGCTTTTGAAGAAGGCTATAA  
 GAAGTCCCTCAAAAATGGTATTTAAGGCTCCCATCAAGAAAAGAAGAGTGTGTGGTCAACGGAATAGAT  
 TTATTAGAAAATGTCCACCCAGGACAGAGAATGAGCTCCTTCAATGTTCTTCCGGCAGCAGGATGAGA  
 TTCGACGGTTGAAAGAGGAGCTGGCCAGAAGGACATCCGCATTCGGCAGCTCCAGCTGGAAGTAAAAA  
 CTTGCGCAACAGCCCAAGAAGTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC232812 representing NM\_001190456  
 Red=Cloning site Green=Tags(s)

MSWRPQYRSSKFRNVYGVANREHCFDGIPIITKNVHDNHFCAVNRFLAIVTESAGGGSFLVIPLEQTGR  
 IEPNYPKVCQHGNVLDIKWPNFIDNIIASCEEDTSVRIWEIPEGGLKRNMTAEALHGHSSRRVGLVEW  
 HPTTNNILFSAGYDYKVLINWLDVGEVPMIDCHTDVILCMSFNTDGSLLTTTCKDKLRVIEPRSGRVL  
 QEANCKNHRVNRVFLGNMKRLLTTGVSRWNRQIALWDQEDLSMPLIEEIDGLSGLLFPFYDADTHML  
 YLAGKGDGNIRYYEISTEKPYLSYLMFRSPAPQKGLGVMPKHGLDVSACEVFRFYKLVTLKGLIEPIISM  
 IVPRRSDSYQEDIYPMPTGTEPALTPDEWLGGINRDPVLMMLKEGYKSSKMMVFKAPIKEKKSVMVNGID  
 LLENVPPRTENELLRMFFRQQDEIRRLKEELAQKDIRIRQLLELKNLRNSPKNC

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

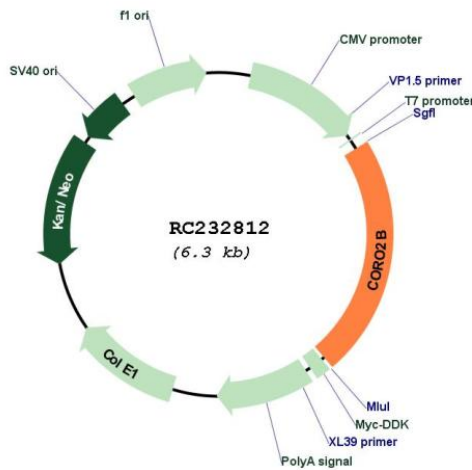
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001190456

**ORF Size:** 1425 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\\_001190456.1](#), [NP\\_001177385.1](#)

**RefSeq Size:** 3344 bp

**RefSeq ORF:** 1428 bp

**Locus ID:** 10391

**UniProt ID:** [Q9UQ03](#)

**Cytogenetics:** 15q23

**MW:** 54.8 kDa

**Gene Summary:** May play a role in the reorganization of neuronal actin structure.[UniProtKB/Swiss-Prot Function]