

Product datasheet for **RC231261**

CORO2B (NM_001190457) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CORO2B (NM_001190457) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CORO2B
Synonyms:	CLIPINC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC231261 representing NM_001190457
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTGGCGTCCGCAATACCGTAGTCCAAGTTCGGAATGTCTACGGGAAGGTGCCAACCGGGAGC
 ACTGCTTCGATGGGATCCCCATACCAAGAATGTGCACGACAACCACTTCTGTGCCGTCAACACCCGCTT
 CCTGGCCATCGTCACCGAGAGCGCAGGGGGCGGCTCCTTCTCGTCATCCCCCTGGAGCAGACAGGCAGG
 ATTGAACCAACTACCCCAAGGTCTGCGGCCACAGGGCAATGTGCTGGATATCAATGGAACCCCTTCA
 TCGACAACATCATTGCCTCGTCTCGGAGGACACGTGGTGGGATCTGGGAGATCCCCGAGGGCGGGCT
 GAAGCGGAACATGACGGAGGCGCTCTGGAGCTGCACGGGCACAGCCGGCGTGTGGGGCTGGTGGAGTGG
 CACCCACCAACAACATCCTGTTCAAGCTGGCTACGACTACAAGTCTCATCTGGAACCTGGATG
 TGGGTGAGCCGGTGAAGATGATTGACTGCCACACGGATGTGATCCTCTGCATGTCCTTCAACACGGACGG
 CAGCCTGCTCACCACCAGTGAAGGACAAGAAGCTGCGTGTGATTGAGCCCCGCTCTGGCCGTGTTCTG
 CAGGAGGCCAACTGCAAAAACCACAGAGTGAACCGGGTGGTGTCTCTGGGGAACATGAAGCGGCTCCTCA
 CGACAGGGGTCTCCAGGTGGAACACAAGACAGATTGCCCTCTGGGACCAGGAGGACCTCTCCATGCCCT
 GATCGAAGAGGAAATTGATGGGCTCTCTGGCCTCTGTTCCCCTTCTATGATGCTGACACCCACATGCTC
 TACCTGGCTGGAAGGGTATGGAACATCCGGTACTACGAGATCAGCACTGAGAAGCCCTACCTGAGTT
 ACCTCATGGAGTTCGGCTCCCCAGCCCCGAGAAAGGCCTAGGGGTATGCCCAAGCAGGGGCTGGATGT
 GTCAGCCTGCGAGGTGTTCCGCTTCTACAAGCTGGTACTCTCAAGGGCTGATCGAGCCATCTCCATG
 ATCGTCCCCGGAGGTGATTCCTACCAGGAAGACATTTACCAATGACACCAGGCACGGAGCCAGCAC
 TGACCCCGGATGAATGGCTGGGAGGCATCAACCGAGATCCCGTGTGATGCTTTTGAAGAAGGCTATAA
 GAAGTCTCAAAAATGGTATTTAAGGCTCCCATCAAAGAAAAGAAGAGTGTGTGGTCAACGGAATAGAT
 TTATTAGAAAATGTCCCACCCAGGACAGAGAATGAGCTCCTTCAATGTTCTTCCGGCAGCAGGATGAGA
 TTCGACGGTTGAAGAGGAGCTGGCCAGAAGGACATCCGCATTCGGCAGCTCCAGCTGGAAGTAAAAA
 CTTGCGCAACAGCCCAAGAAGTGT

**ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA**

Protein Sequence:

>RC231261 representing NM_001190457
 Red=Cloning site Green=Tags(s)

MSWRPQYRSSKFRNVYGVANREHCFDIPITKNVHDNHFCVNTFLAIVTESAGGGSFLVIPLEQTGR
 IEPNYPKVCGHQGNVLDIKWNPFDNIIASCESTSVRIWEIPEGGLKRNMTALLELHGHSRRVGLVEW
 HPTTNNILFSAGYDYKVLWNLVGEVPMIDCHTDVILCMSFNDDGSLTCTCKDKLRVIEPRSGRVL
 QEANCKNHRVNRVFLGNMKRLTTGVSRWNRQIALWDQEDLSMPLIEEIDGLSGLLFPFYDADTHML
 YLAGKGDGNIRYYEISTEKPYLSYLMFRSPAPQKGLGVMPKHGLDVSACEVFRFYKLVTLKGLIEPISM
 IVPRRSDSYQEDIYPMTPGTEPALTPDEWLGGINRDPVLSLKEGYKSSKMFVKAPIKEKKSVMVNGID
 LLENVPPRTENELLRMFRQDEIRRLKEELAQKDIRIRLQLLELKNLRNSPKNC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8062_c11.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001190457

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_001190457.1](#), [NP_001177386.1](#)

RefSeq ORF: 1428 bp

Locus ID: 10391

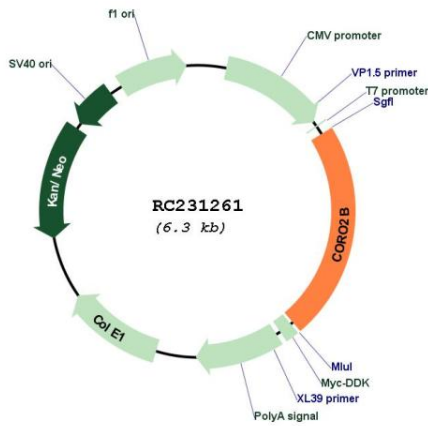
UniProt ID: [Q9UQ03](#)

Cytogenetics: 15q23

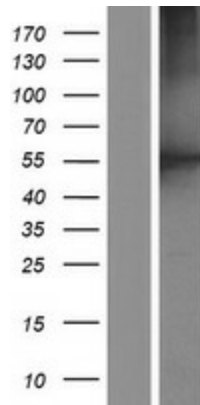
MW: 54.8 kDa

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

Product images:



Circular map for RC231261



Western blot validation of overexpression lysate (Cat# [LY434260]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC231261 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).