

Product datasheet for **RG231261**

CORO2B (NM_001190457) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CORO2B (NM_001190457) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CORO2B
Synonyms:	CLIPINC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG231261 representing NM_001190457
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTGGCGTCCGCAATACCGTAGTCCAAGTTCGGAATGTCTACGGGAAGGTGCCAACCGGGAGC
 ACTGCTTCGATGGGATCCCCATACCAAGAATGTGCACGACAACCACTTCTGTGCCGTCAACACCCGCTT
 CCTGGCCATCGTCACCGAGAGCGCAGGGGGCGGCTCCTTCTCGTCATCCCCCTGGAGCAGACAGGCAGG
 ATTGAACCAACTACCCCAAGGTCTGCGGCCACAGGGCAATGTGCTGGATATCAATGGAACCCCTTCA
 TCGACAACATCATTGCCTCGTCTCGGAGGACACGTGGTGGGATCTGGGAGATCCCCGAGGGCGGGCT
 GAAGCGGAACATGACGGAGGCGCTCCTGGAGCTGCACGGGCACAGCCGGCGTGTGGGGCTGGTGGAGTGG
 CACCCACCAACAACATCCTGTTCAAGCTGGCTACGACTACAAGTCTCATCTGGAACCTGGATG
 TGGGTGAGCCGGTGAAGATGATTGACTGCCACACGGATGTGATCCTCTGCATGTCCTTCAACACGGACGG
 CAGCCTGCTCACACCACGTGCAAGGACAAGAAGCTGCGTGTGATTGAGCCCCGCTCTGGCCGTGTTCTG
 CAGGAGGCCAACTGCAAAAACCACAGAGTGAACCGGGTGGTGTCTCTGGGGAACATGAAGCGGCTCCTCA
 CGACAGGGGTCTCCAGGTGGAACACAAGACAGATTGCCCTCTGGGACCAGGAGGACCTCTCCATGCCCT
 GATCGAAGAGGAAATTGATGGGCTCTCTGGCTCCTGTTCCCCTTCTATGATGCTGACACCCACATGCTC
 TACCTGGCTGGAAGGGTATGGAACATCCGGTACTACGAGATCAGCACTGAGAAGCCCTACCTGAGTT
 ACCTCATGGAGTTCGGCTCCCCAGCCCCGAGAAAGGCCTAGGGGTATGCCCAAGCAGGGGCTGGATGT
 GTCAGCCTGCGAGGTGTTCCGCTTCTACAAGCTGGTACTCTCAAGGGCTGATCGAGCCATCTCCATG
 ATCGTCCCCGGAGGTGATGCTGAGGCATCAACCGAGATCCCGTGTGATGCTTTGAAAGGAGGCTATAA
 GAGTCTCTCAAAAATGGTATTTAAGGCTCCCATCAAGAAAAGAAGAGTGTGTGGTCAACGGAATAGAT
 TTATTAGAAAATGTCCACCCAGGACAGAGAATGAGCTCCTCGAATGTTCTTCCGGCAGCAGGATGAGA
 TTCGACGGTTGAAAGAGGAGCTGGCCAGAAGGACATCCGCATTCGGCAGCTCCAGCTGGAAGTAAAAA
 CTTGCGCAACAGCCCAAGAACTGT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG231261 representing NM_001190457
 Red=Cloning site Green=Tags(s)

MSWRPQYRSSKFRNVYGVANREHCFDGIPIITKNVHDNHFCVNTFLAIVTESAGGGSFLVIPLEQTGR
 IEPNYPKVCQHGNVLDIKWNPFDNI IASCESTSVRIWEIPEGGLKRNMTALLELHGHSSRRVGLVEW
 HPTTNNILFSAGYDYKVL IWNLDVGEVPMIDCHTDVILCMSFNTDGSLLTTTCKDKLRVIEPRSGRVL
 QEANCKNHRVNRVFLGNMKRLLTTGVSRWNTQIALWDQEDLSMPLIEEIDGLSGLLFPFYDADTHML
 YLAGKGDGNIIRYYEISTEKPYLSYLMEFRSPAPQKGLGVMPKHGLDVSACEVFRFYKLVTLKGLIEPISM
 IVPRRSDSYQEDIYPMTPGTEPALTPDEWLGGINRDPVLSLKEGYKSSKMVFKAPIKEKKSVMVNGID
 LLENVPPRTENELLRMFFRQDEIRRLKEELAQKDIRIRLQLLELKNLRNSPKNC

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

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 Size: 3623 bp

RefSeq ORF: 1428 bp

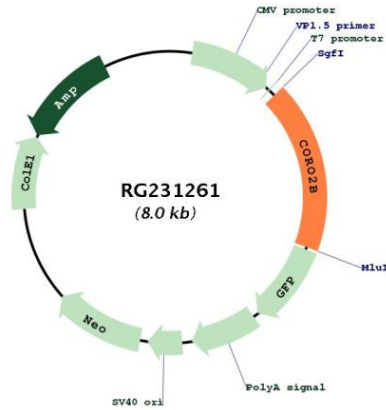
Locus ID: 10391

UniProt ID: [Q9UQ03](#)

Cytogenetics: 15q23

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

Product images:



Circular map for RG231261