

Product datasheet for **RG205336**

CORO2B (NM_006091) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CORO2B (NM_006091) 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:

>RG205336 representing NM_006091
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCTGGCGTCCGCAATACCGTAGTCCAAGTTCGGAATGTCTACGGGAAGGTGCCAACCGGGAGC
 ACTGCTTCGATGGGATCCCATACCAAGAATGTGCACGACAACCACTTCTGTGCCGTCAACACCCGCTT
 CCTGGCCATCGTCACCGAGAGCGCAGGGGGCGGCTCCTTCCTCGTCATCCCCCTGGAGCAGACAGGCAGG
 ATTGAACCCAACACCCCAAGGTCTGCGGCCACAGGGCAATGTGCTGGATATCAATGGAACCCCTTCA
 TCGACAACATCATTGCCTCGTCTCGGAGGACACGTGGTGGGATCTGGGAGATCCCCGAGGGCGGGCT
 GAAGCGGAACATGACGGAGGCGCTCCTGGAGCTGCACGGGCACAGCCGGCGTGTGGGGCTGGTGGAGTGG
 CACCCACCAACAACATCCTGTTCAAGCTGGCTACGACTACAAGTCTCATCTGGAACCTGGATG
 TGGGTGAGCCGGTGAAGATGATTGACTGCCACACGGATGTGATCCTCTGCATGTCCTTCAACACGGACGG
 CAGCCTGCTCACACCACGTGCAAGGACAAGAAGCTGCGTGTGATTGAGCCCCGCTCTGGCCGTGTTCTG
 CAGGAGGCCAACTGCAAAAACCACAGAGTGAACCGGGTGGTGTTCCTGGGGAACATGAAGCGGCTCGTCA
 CGACAGGGGTCTCCAGGTGGAACACAAGACAGATTGCCCTCTGGGACCAGGAGGACCTCTCTATGCCCT
 GATCGAAGAGGAAATTGATGGGCTCTCTGGCTCCTGTTCCCTTCTATGATGCTGACACCCACATGCTC
 TACCTGGCTGGAAGGGTATGGAACATCCGGTACTACGAGATCAGCACTGAGAAGCCCTACCTGAGTT
 ACCTCATGGAGTTCGGCTCCCCAGCCCCGAGAAAGGCCTAGGGGTATGCCCAAGCAGGGGCTGGATGT
 GTCAGCCTGCGAGGTGTTCCGCTTCTACAAGCTGGTACTCTCAAGGGCTGATCGAGCCATCTCCATG
 ATCGTGGCCCCGGAGGTGATGCTTCCAGGAGCATCAACCGAGATCCCGTGTGATGCTTTTGAAGAAGGCTATA
 GAGTCCCTCAAAAATGGTATTTAAGGCTCCCATCAAAGAAAAGAAGAGTGTGTGGTCAACGGAATAGAT
 TTATTAGAAAATGTCCACCCAGGACAGAGAATGAGCTCCTCGAATGTTCTCCGGCAGCAGGATGAGA
 TTCGACGGTTGAAAGAGGAGCTGGCCAGAAGGACATCCGCATTCGGCAGCTCCAGCTGGAAGTAAAAA
 CTTGCGCAACAGCCCAAGAACTGT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG205336 representing NM_006091
 Red=Cloning site Green=Tags(s)

MSWRPQYRSSKFRNVYGVANREHCFDGIPIITKNVHDNHFCVNTFLAIVTESAGGGSFLVIPLEQTGR
 IEPNYPKVCQHGNVLDIKWNPFDNI IASCEDETSVRIWEIPEGGLKRNMTALLELHGHSSRRVGLVEW
 HPTTNNILFSAGYDYKVL IWNLDVGEVPMIDCHTDVILCMSFNDDGSLT TTTCKDKLRVIEPRSGRVL
 QEANCKNHRVNRVFLGNMKRLVTTGVSRWNTQIALWDQEDLSMPLIEEIDGLSGLLFPFYDADTHML
 YLAGKGDGNIRYYEISTEKPYLSYLMEFRSPAPQKGLGVMPKHGLDVSACEVFRFYKLVTLKGLIEPISM
 IVPRRSDSYQEDIYPMTPGTEPALTPDEWLGGINRDPVLSLKEGYKSSKMFVKAPIKEKKSVMVNGID
 LLENVPPRTENELLRMFFRQDEIRRLKEELAQKDIRIRLQLLELKNLRNSPKNC

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_006091

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_006091.1](#), [NP_006082.1](#)

RefSeq Size: 3313 bp

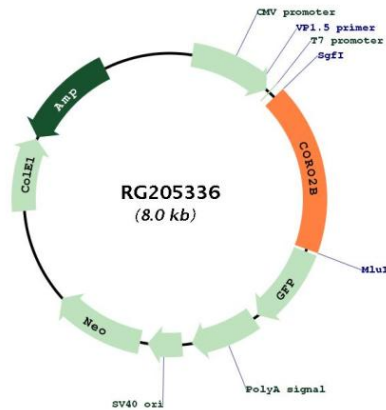
RefSeq ORF: 1443 bp

Locus ID: 10391

UniProt ID: [Q9UQ03](#)

Cytogenetics: 15q23
Domains: WD40
Gene Summary: May play a role in the reorganization of neuronal actin structure.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG205336