

Product datasheet for **MG207602**

Coro2b (NM_175484) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coro2b (NM_175484) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Coro2b
Synonyms:	CLIPINC; E130012P22Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG207602 representing NM_175484
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCTGGCGACCCGAGTACCGCAGTTCCAAGTTTCGGAACGTGTATGGAAAGCGGCCAACAGGGAGC
 ACTGCTTTGACGGGATCCCCATACCAAGAATGTACATGACAACCACTTCTGTGCAGTCAACGCCCGCTT
 CCTGGCCATAGTCACTGAGAGCGCAGGAGTGGCTCCTTCCTCGTCATCCCCCTGGAGCAGACAGGCAGA
 ATCGAGCCAAACTACCCCAAGGTATGCGGTATCAGGGCAACGTGCTGGACATCAAATGGAACCCCTTCA
 TTGACAACATCATCGCTCTTGTCCGAGGACACTTCGGTGGGATCTGGGAGATCCCTGACGGTGGGT
 GAAGCGGAACATGACCGAGGCGCTCCTGGAGCTCCACGGACACAGCCCGGTGTGGGGCTGGTTGAGTGG
 CACCCACGACCAACAACATTCTTTCAGCGCTGGCTATGACTACAAGGTCTCATCTGGAACCTGGACA
 TAGGCGAGCCAGTAAAAATGATTGACTGCCACACCGACGTGATCCTCTGCATGTCCTTCAATACAGACGG
 CAGCCTGCTCACCACCACATGCAAGGACAAGAATCTGCGTGTGATTGAACCCCGATCCGGCCGTGTTCTA
 CAGGAGGCAAACGCAAAAACCACAGAGTGAATCGGGTAGTGTTCTGGGCAACATGAAGCGGCTCCTCA
 CGACAGGGGTCTCCAGGTGGAACACAAGACAGATCGCCCTCTGGGACCAGGAGGATCTGTCCATGCCAAT
 GATCGAAGAAGAAATTGATGGACTCTCAGGCCTCTGTTCCCATTTCTATGATGCTGATACCCACATGCTC
 TACCTGGCTGAAAGGGGGATGGAACATCCGGTACTATGAGATCAGCACGGAGAAGCCCTACCTGAGCT
 ACCTCATGGAGTTCGGCTCCCCAGCCCCACAGAAAGGCCTAGGTGTCATGCCAAGCATGGGTTGGATGT
 GTCTGCCTGCGAGGTCTCCGCTTCTACAAGCTGGTGACCCTCAAGGGCTGATTGAACCCATCTCCATG
 ATTTGACCCCGGAGGTGAGATTCCTACCAGGAGACATTTATCCCATGACACCAGGCACAGAGCCAGCGC
 TGACCCCTGATGAATGGCTGGGAGGCATCAACCGAGATCCCGTGTGATGTCCTGAAGGAAGGCTATAA
 GAAGTCTTCAAAAAGTGGTATTTAAGGCCCCATCAGAGAAAAGAAGAGCGTTGTGCTCAACGGCATAGAT
 TTATTAGAAAATGTCCACCCAGGACAGAGAATGAGCTCCTCAGGATGTTCTTTAGGCAGCAGGATGAGA
 TTCGAAGGCTGAAGGAGGAGCTGGCACAGAAGGACATCCGGCTCCGTCAGCTCCAGCTCGAACTGAAAAA
 CCTGCGCAACAACCCCAAGAAGTGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG207602 representing NM_175484
 Red=Cloning site Green=Tags(s)

MSWRPQYRSSKFRNVYKKAANREHCFDGIPIITKNVHDNHFCVAVNARFLAIVTESAGGGSFVIPLEQTGR
 IEPNYPKVCQHGNVLDIKWNPFDNI IASCSEDTSVRIWEIPDGGLKRNMTALLELHGHSSRRVGLVEW
 HPTTNNILFSAGYDYKVL IWNLDIGEPVKMIDCHTDVILCMSFN TDGSLT TTTCKDKNLRVIEPRSGRVL
 QEANCKNHRVNRVFLGNMKRLLTGVSRWNRQIALWDQEDLSMPMIEEIDGLSGLLFPFYDADTHML
 YLAGKGDGNIRYYEISTEKPYLSYLMEFRSPAPQKGLGVMPKHGLDVSACEVFRFYKLVTLKGLIEPISM
 IVPRRSDSYQEDIYPMTPGTEPALTPDEWLGGINRDPVLSLKEGYKSSKVVFKAPIREKKSVMVNGID
 LLENVPPRTENELLRMFFRQDEIRRLKEELAQKDIRLRQLQLELKNLRNNPKNC

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_175484

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_175484.1](#), [NP_780693.1](#)

RefSeq Size: 3603 bp

RefSeq ORF: 1443 bp

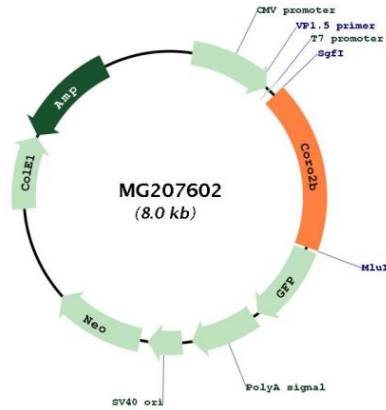
Locus ID: 235431

UniProt ID: [Q8BH44](#)

Cytogenetics: 9 B

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

Product images:



Circular map for MG207602