

Product datasheet for **SC127125**

CORO2B (NM_006091) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CORO2B (NM_006091) Human Untagged Clone
Tag:	Tag Free
Symbol:	CORO2B
Synonyms:	CLIPINC
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127125 sequence for NM_006091 edited (data generated by NextGen Sequencing)

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ATGACTGTCACAAAGATGTCCTGGCGTCCGCAATACCGTAGCTCCAAGTCCGGAATGTC
TACGGGAAGGTGGCCAACCGGGAGCACTGCTTCGATGGGATCCCCATCACCAAGAATGTG
CACGACAACCACTTCTGTGCCGTC AACACCCGCTTCTGGCCATCGTCACCGAGAGCGCA
GGGGCGGGCTCCTTCTCGTCATCCCCCTGGAGCAGACAGGCAGGATTGAACCCAACCTAC
CCCAAGGCTCGCGGCCACCAAGGCAATGTGCTGGATATCAAATGGAACCCCTTCATCGAC
AACATCATTGCCTCGTGCTCGGAGGACAGTCCGGTCCGGATCTGGGAGATCCCCGAGGGC
GGGCTGAAGCGGAACATGACGGAGGCGCTCCTGGAGCTGCACGGGCACAGCCGGCGTGTG
GGGCTGGTCGAGTGGCACCCACCACCAACAACATCCTGTTACGCGCTGGCTACGACTAC
AAGGTCTCATCTGGAACCTGGATGTGGGTGAGCCGGTGAAGATGATTGACTGCCACACG
GATGTGATCCTCTGCATGTCCTTCAACACGGACGGCAGCCTGCTCACCACCACGTGCAAG
GACAAGAAGTGCCTGTGATTGAGCCCCGCTCTGGCCGTGTTCTGCAGGAGGCCAACTGC
AAAAACACAGAGTGAACCGGTGGTGTCTCTGGGGAACATGAAGCGGCTCCTCACGACA
GGGGTCTCCAGGTGGAACACAAGACAGATTGCCCTCTGGGACCAGGAGGACCTCTCCATG
CCCTGATCGAAGAGGAAATTGATGGGCTCTCTGGCCTCTGTTCCCTTCTATGATGCT
GACACCCACATGCTCTACCTGGCTGAAAAGGGTATGGAACATCCGGTACTACGAGATC
AGCACTGAGAAGCCCTACCTGAGTTACCTCATGGAGTTCGGCTCCCCAGCCCCGAGAAA
GGCCTAGGGGTGATGCCAAGCACGGGCTGGATGTGTACGCTGCGAGGTGTTCCGCTTC
TACAAGCTGGTACTCTCAAGGGCTGATCGAGCCCATCTCCATGATCGTCCCCGGAGG
TCAGATTCTACCAGGAAGACATTTACCAATGACACCAGGCACGGAGCCAGCACTGACC
CCGGATGAATGGTGGGAGGCATCAACCGAGATCCCGTCTGATGTCTTTGAAAGAAGGC
TATAAGAAGTCTCAAAAATGGTATTTAAGGCTCCCATCAAAGAAAAGAAGAGTGTGTG
GTCAACGGAATAGATTTATTAGAAAATGTCCACCCAGGACAGAGAATGAGCTCCTTCGA
ATGTTCTTCCGGCAGCAGGATGAGATTGACGGTTGAAAGAGGAGCTGGCCAGAAAGGAC
ATCCGCATTCCGGCAGCTCCAGCTGGAACGAAAACTTGCGCAACAGCCCCAAGAAGTGT
TAG
    
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Clone variation with respect to NM_006091.4

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_006091 unedited
TACTATAGGCAGGCCGGAATTCGCACGAGGGCCGCCCGCACGCCGCGCCCGGCCCC
CGCTCCGCGCGGAGTTTCTGCATGACTGTCACAAAGATGTCCTGGCGTCCGCAATACCG
TAGCTCCAAGTCCGGAATGTCTACGGGAAGGTGGCCAACCGGGAGCACTGCTTCGATGG
GATCCCCATCACCAAGAATGTGCACGACAACCACTTCTGTGCCGTC AACACCCGCTTCT
GGCCATCGTCACCGAGAGCGCAGGGGGCGGCTCCTTCTCGTCATCCCCCTGGAGCAGAC
AGGCAGGATTGAACCCAACCTACCCCAAGTCTGCGGCCACCAAGGCAATGTGCTGGATAT
CAAATGGAACCCCTTCATCGACAACATCATTGCCTCGTGCTCGGAGGACAGTCCGGTGG
GATCTGGGAGATCCCCGAGGGCGGGCTGAAGCGGAACATGACGGAGGCGCTCCTGGAGCT
GCACGGGCACAGCCGGCTGTGGGGCTGGTCGAGTGGCACCCACCACCAACAACATCCT
GTTACGCGCTGGTACGACTACAAGTCTCATCTGGAACCTGGATGTGGGTGAGCCGGT
GAAGATGATTGACTGCCACACGGATGTGATCCTCTGCATGTCCTTCAACACGGACGGCAG
CCTGCTCACCACCAGTGC AAAAGACAAGAAGCTGCGTGTGATTGAGCCCCGCTCTGGNCC
GTGTCTGCANGAGGCAACTGCAAAAACACAGAGTGAACCGGNTGGNTGTTCTGGGGGA
CATGAAGCGGGCTCTCACGACAGGGGTCTNCAGNTGGAACACAAGACAGATTGCCCTCTG
GGACCAGGAAGGACTCTNCATGCCCTGATCGAAA
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006091 unedited AGTTATGNACCCGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGATAAGT TGAAAACATTTTATTTCAATTCTATCCTTGGGAGGCAGCATAAATAATCACAGAAGACCA CAAAGGTCAATGGGGAAGGAAAAAAGCTCCAGAAATGTGGGAGGAGGAGATGAGTGC TGACACTGTCTAGCTGTGGGGTACGGGGTACGGGGTACGGGGTACTGTAGCTGGCTGGGAGGA TGGAGGTTTCATAAAGGAAAGGCCAGCTCACCTGGAGGGGCTTGGGTAGCCCTGGCCTCT GTGGATGGGATTCTCCGTAGGGCGGCCATGGGAAAAGCAGGTATGGAGTATAATGCATCT AGTAGATCCTAGCTAATGAAAGAAAAGAGTGGACACCCATTTCTTGATTTCCAGATCTCA CCCCAAACTGTGACTCTTCTGAGAACAGTGTATAAACTCTTTGTGCGTAGTGGGAAAT GAAAGGAGGAAAAAGAAGGAATAAAAGAAAATGTGTACAAGATCAAATGAAATGTGGCA TCTCAGAGTTGCGTGACCTTGGGCCACTTCTCTCGGTTTCTCATCTGCAGAAGGGAGTA GACGTGAGGCTCGATGAGATCCTATGTGTCANAGGACTGCAGAACTTTAAGTGTATAC GGATGCGAGTGGCTGTGGTCATTCTACGTGCATAAGGCTGAAAGTGGCTGAGATAGCGGT GCTGAGACACACGAGCAGCATTCTTAGAGCCATCAGACCCTGTTCTGGCTTCCCAGGGC CAAGCTCCACCCTTCTCAGCTCAGTTTCAAGAAGACCAGGCCCTATTTCAGATGGAGTCC CCTGGGGAGGGTGGGTGTGACAGCTGAAGTTGGGGACCTGAAGGATCTTAGGCCAGAGC GGTGAGGGGCCCACTTGGAATGGGGCCCACTCGGCCTACTT
Restriction Sites:	NotI-NotI
ACCN:	NM_006091
Insert Size:	3570 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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:	<u>NM_006091.1</u> , <u>NP_006082.1</u>
RefSeq Size:	3293 bp
RefSeq ORF:	1428 bp
Locus ID:	10391
UniProt ID:	<u>Q9UQ03</u>
Cytogenetics:	15q23
Domains:	WD40

Gene Summary:

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

Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.