

Product datasheet for **SC305454**

CC2D1B (NM_032449) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CC2D1B (NM_032449) Human Untagged Clone
Tag:	Tag Free
Symbol:	CC2D1B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene ORF sequence for NM_032449 edited
ATGATGCCAGGGCCAAGACCTCGGAAGGGCCCTCAGGCCAGAGGCCAAGGGGTGGCCGCT
GCCAAGCAGATGGGGCTCTTATGGAGTTTGGCCCTGAGGACATGCTGCTGGGCATGGAT
GAGGCTGAAGATGATGAGGACCTGGAGGCTGAGCTGCTGGCTCTCACAGGGGAAGCACAA
ACCACAGGCAAGAAGCCAGCACCCAAGGGGCAGGCCCCCTGCCATGGCCACATCGAG
AAGTTGGCGGCAGACTGTATGCGGGATGTGGAGGAGGAGGAGGAGGAAGGGCTGGAG
GAAGATGCAGAGCTGCTGACGGAGCTGCAGGAGTCTTAGGTGTGGACGAGGAGACTGAG
CCCCTGGATGGTATGAGGTAGCTGACCCAGGCGGCTCTGAGGAGGAGAACGGCCTAGAA
GACACTGAACCTCCAGTGCAGACAGCCGTCTGACAGTTCAGCCCCAGCAGCTCAGGCC
GGAGCATCTCAGGGGCTACACGCTTTGCTGGAGGAACGGATTCACTACTACCGAGAGGCT
GCGGCCAGTGCCAAGGAGGCAGGCGAAGCAGCCAAAGCCAGGCGCTGCGAGCGGGCCTG
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ATCCCACCTCCAGTGGCCTTAGGAAAGCGGCCCTGGCCCCCAGGAACCCAGCCAAACAGG
AGCCCTGAGACAGACCTCCAGCTCCCCCTGCCTTGGAGTCAGACAACCCCTCCCAACCT
GAGACCAGCCTCCCTGGCATTCTGCCAGCCCGTTTCAGACTTAGACCCAGACCCGCGG
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CTGAAGCCCCAGCAGGCTTCTCAGGCTCCCACAGCACCCCTCAGTCATTCCCCAGCCGTG
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CAGGCCCGGAGTGGTGGGACGAGCGCAAGGCTCGGATGCATGAGCGCATTGCCAAGCAA
TATCAAGATGCTATTCGAGCACACCCGAGCAGGACGGAAGTCAACTTTGCTGAATTGCT
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GCAGTGGCAGCGACATTGGCAGCTGCAGAGAACTGGCCTCTGCAGAGGATTAGCCCCG
GCTGATAAAGACGAGGACGAGCCTCCTGGGCACCTGCAGGGTGGAGCCCCAGCACAGGCC
CCAGTGGCCAAGAACTGCACGGCCACAGTCCCTTCATCCCAGCGCCTGCCTGAGCCC
AGGGCCTCAAGTTCTAAGGAGTACCGAGTCCATCTGTGCGGGAGCAGCTGGCACTGCTG
GAGGCACGGAACTGCAGTATCAGCGGGCAGCCCTGCAGGCCAAGCGCAGCCAGGACCTG
GAGCAGGCCAAAGCCTATCTGCGGGTAGCCAAATGGCTTGAGGCTCAGATCATCCAGGCC
CGATCTGGCAGACCTGTTGATCTGTCCAAGGTGCCTTCGCCCTTGACGGATGAGGAGGT
GACTTCATCCTCATCCACCATGAGGACCTGCGACTCTCCAGAAGGCGGAGGAGGTGAT
GCCCAGCTGCAAAAAATGCTTCTGGAGCAACAAGAGAAGTGCCTGCTGTTCTCCAAGCAG
TTCATGCACCAGGGCAACGTGGCTGAGACCACCCGATTTGAGAAGCTTGCTCAGGACCGC
AAGAAACAGCTGGAGATCCTGCAGCTGGCCAGGCTCAGGGCCTCGACCCCTCCACCCAC
CACTTTGAGTTGAAGACATTCAGACTGTGAGGATCTTCTCAGAACTCAACAGCACAGAA
ATGCATCTGATCATTGTCCGGGAATGAACCTCCCAGCCCCTCCAGGGGTGACTCCCGAT
GACCTGGATGCTTTTGTGCGGTTTGAAGTTTCACTACCTAACTCGGACCAGGCTCAAAAA
AGCAAAAACAGCTGTGGTGAAGAACAACAACCTCTCCAGAATTTGATCAACTTTCAAATA
AACATCAACCGAAACACCGGGGCTTCAAGAGGGTGATCCAGAGCAAAGGCATCAAGTTT
GAGATCTTCCACAAGGGTCCTTCTTCAAGGACACAAGCTGGTTGGCACAGCACACCTG
AAACTGGAGCGGCTGGAGAATGAGTGTGAGATCAGAGAAATTTGGAGGTCTGGATGGA
AGGAAGCCACCGGGGGGAAGCTGGAGGTGAAGGTGAGGCTGCGGGAGCCTCTGAGTGGC
CAGGATGTGCAGATGGTCACTGAGAACTGGCTGGTTCTGGAGCCAGGGGCTTGTGA
    
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3' Read Nucleotide Sequence:	>Forward primer walk for NM_032449 unedited CATGAGCGNGGNAGTGTATGCCCACTGCAAAAAAGCTTCTGNNACAACAGNAGAATGCCT GCTGTTCTCCAAGCAGTTCATGCACCAGGGCAACGTGGCTGAGACCACCCGATTTGAGAA GCTTGCTCAGGACCGCAAGAAAAGCTGGAGATCCTGCAGCTGGCCAGGCTCAGGGCCTC GACCCTCCCACCACCACCTTTGAGTTGAAGACATTCCAGACTGTGAGGATCTTCTCAGAA CTCAACAGCACAGAAATGCATCTGATCATTGTCCGGGGAATGAACCTCCCAGCCCCTCA GGGGTGACTCCCAGTACCTGGATGCTTTGTGCGGTTTGAGTTTCACTACCCTAACTCG GACCAGGCTCAAAAAAGCAAAACAGCTGTGGTGAAGAACACAAACTCTCCAGAATTTGAT CAACTCTTCAAATAAACATCAACCGAAACCACGGGGCTTCAAGAGGGTGATCCAGAGC AAAGGCATCAAGTTTGGATCTTCCACAAAGGGTCCTTCTCAGAAGCGACAAGCTGGTT GGCACAGCACACCTGAAACTGGAGCGGCTGGAGAATGAGTGTGAGATCAGAGAAATTGTG GAGGTCTGGATGGAAGGAAGCCACCGGGGGGAAGCTGGAGGTGAAGGTGAGGCTGCGG GAGCCTCTGAGTGCCAGGATGTGCAGATGGTCACTGAGAACTGGCTGGTTCTGGAGCCC AGGGCTTGTGAGCCGATGGCCAGCACCAGGAGAGAGTCAAGCCGCGACTGTGCCAGAGAT GACTTTCCAGCTTTGCTGGCTTCAAGAAGCCTTTGTN
Restriction Sites:	Please inquire
ACCN:	NM_032449
Insert Size:	3000 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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	NM_032449.1 , NP_115825.1
RefSeq Size:	5639 bp
RefSeq ORF:	2577 bp
Locus ID:	200014
UniProt ID:	Q5T0F9
Cytogenetics:	1p32.3

Gene Summary:

Transcription factor that binds specifically to the DRE (dual repressor element) and represses HTR1A gene transcription in neuronal cells.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and 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.