

Product datasheet for **SC122448**

CCDC46 (CEP112) (BC029524) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC46 (CEP112) (BC029524) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC46
Synonyms:	coiled-coil domain containing 46; FLJ39610; MGC33887
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC029524 edited

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ATTAGCTGACATCAGGAAGTCTGAGCCAGGCAGTGTGGTTGTGATGTCACTATCTCACCTCA
CCCCACCTAAGAGATTGTGGTGGGGAATCTCAGACACTCTAACCTCTGGGCCCAAGTC
ACCTTTCTATCAGGGGAGGGAGGCTGTGCTCTCACTGGCTTCTTTAGAAAGTTCTGCCT
GCCCTACAGCCTGCACTGAGGGCTCTCATCACTGCTTCTGAGATCTTAATGGGGGTCAAC
GAAGATGTGGGCTTCTCTGAGTTTAGACCATCCATCTGCCAAGGAAAACCAAGCCCTGAG
ACTGATAGAGATGAGAGAAGAGAATGGTAATGTCCCAAGACAGAGCAGGCAGGAAGTTT
GAAGCCTCTGAGGGATACAGGAAAATCTAACCTCAAAGAGAAGAAGGCCAACAGCAAGCT
GAAGCAGATTGAGAAGGAATACACTCAGAAGCTTGCCAAATCTTCACAGATCATAGCAGA
ACTTCAGACAACCATTTCTCTCTGAAAGAAGAGAACAGCCAGCAGCAGCTTGCTGCAGA
AAGGCGGCTCCAGGATGTTAGACAAAAGTTTGAAGATGAGAAGAAGCAGCTGATTAGAGA
TAATGACCAAGCAATCAAGGTTTTACAAGATGAATTAGAAAACCGTTCTAATCAGGTGCG
ATGTGCAGAGAAAAAATTACAACACAAAGAATTGGAGTCACAGGAACAGATAAATTACAT
ACGACAAGAATATGAAACAAAATTGAAAGGATTGATGCCAGCATCCCTAAGACAAGAACT
TGAAGACACCATTTCTCCCTAAATCACAGGTTAATTTCTGCAAAAGAGAGCTTCCAT
CCTTCAGGAAGAACTGACTACATATCAAGGCAGAAGGTAAGTGCACGAGAGAATGCAACG
GATGCAATTTCCAGGCTGTGCTGTGGACTTCTTCCAGCAGGTTTGAAGATTGGATATTG
TAACTGTGAGATCAGTGGCATTTTTTAAATCCTTAAATGAATTAAGATCATAAAAAACA
TGCATCATTCAAAAAAAAAAAAAAAAAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC029524 unedited <pre> NGATTAGGATTTGTAATACCACTTTTCTATAGGGCGGCCGCATCACTTCGTATAGCATAC ATTATACTAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGCGGATT AGCTGACATCAGGAAGTGAAGCAGGAGTGTGGTTGTGATGTCATCTCACCTCACCC CCACCTAAGAGATTGTGGTGGGAATCTCAGACACTCTAACCTCTGGGCCCAAGTCACC TTTCTATCAGGGGAGGAGGCTGTGCTCTCACTGGCTTCTTGTAGAAAGTTCTGCCTGCC CTACAGCCTGCACTGAGGGCTCTCACTGCTTCTGAGATCTTAATGGGGGTCAACGAA GATGTGGGCTTCTCTGAGTTTAGACCATCCATCTGCCAAGGAAAACCAAGCCCTGAGACT GATAGAGATGAGAGAAGAGAATGGTAATGTCCCAAGACAGAGCAGGCAGGAAGTTTGAA GCCTCTGAGGGATACAGGAAAATCTAACCTCAAAGAGAAGAAGGCCAACAGCAAGCTGAA GCAGATTGAGAAGGAATACACTCAGAAGCTTGCCAAATCTTCACAGATCATAGCAGAACT TCAGACAACCATTTCTCTCTGAAAGAAGAGAACAGCCAGCAGCAGCTTGCTGCAGAAAG GCGGCTCCAGGATGTTAGACAAAAGTTTGAAGATGAGAAAGAGCAGCTGATTAGAGATAA TGACCANAGCATCAAGGGTTTACAAGATGAAATTAGAAAACCGTTCTAATCAGGTGCGAT GTGCAGAGAAAAAATTACCACNCANAGAATTGGAGTCACAGGGACAGATAACTTACATAC GGACAGNATATGAAACAAAATTGAAAGGATGATGCCAGCATCCCTAAGACAGAAGTTGAA GACACATTTCTCCCTAANATCCCAGTTAATTTA </pre>
Restriction Sites:	Please inquire
ACCN:	BC029524
Insert Size:	1046 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:	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:	BC029524.1 , AAH29524.1
RefSeq Size:	1046 bp
Locus ID:	201134
Cytogenetics:	17q24.1

Gene Summary:

This gene encodes a coiled-coil domain containing protein that belongs to the cell division control protein 42 effector protein family. In neurons, it localizes to the cytoplasm of dendrites and is also enriched in the nucleus where it interacts with the RNA polymerase III transcriptional repressor Maf1 to regulate gamma-aminobutyric acid A receptor surface expression. In addition, the protein has been identified as a component of the human centrosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]