

Product datasheet for **SC337668**

CCDC46 (CEP112) (NM_001302891) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC46 (CEP112) (NM_001302891) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC46
Synonyms:	CCDC46; MACOCO; SPGF44
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001302891, the custom clone sequence may differ by one or more nucleotides

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ATGGAAGTGGGAAGTGAAGAAGAAAAATGGGAGAAGCTGGATGCAGAATTTGATCACTTTGTGGTTGATA
TGAAGCCCTTTGTTCTAAAATTACCTCATAGGACAGAACGGCAGAGGTGTGCTCTTTGGATTAGAAAAGCT
GTGCGAACCTTCAGGAACAGGTGCAGGAATAATGGGGAGGAAGAATCGGAACCTGTATGCAAAATTTGTTA
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CCTAAAATCACAGGTTAATTTTCTGCAAAAAGAGAGCTTCCATCCTCAGGAAGAACTGACTACATATCAA
GGCAGAAGGTAA
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Restriction Sites: SgfI-MluI

ACCN: NM_001302891

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:	NM_001302891.1 , NP_001289820.1
RefSeq Size:	3399 bp
RefSeq ORF:	2742 bp
Locus ID:	201134
Cytogenetics:	17q24.1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) uses an alternate exon in the 5' UTR and lacks two in-frame exons in the 5' coding region compared to variant 3. The encoded isoform (c) is shorter than isoform a.</p>