

Product datasheet for **SC321153**

CDCA4 (NM_145701) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDCA4 (NM_145701) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDCA4
Synonyms:	HEPP; SEI-3/HEPP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_145701.1
 CTGGCGGCAGCGCGGTGGCGGTGAGCAGAGTACCCGGCGGGCGGCTCGCGGGTC
 AGGACACAATGTTTGCACGAGGACTGAAGAGGAAATGTGTGGCCACGAGGAAGACGTGG
 AGGGAGCCCTGGCCGGCTTGAAGACAGTGTCTCATACAGCCTGCAGCGCAGTCTGCTCC
 TGGACATGTCTCTGGTGAAGTTGCAGCTTTGCCACATGCTTGTGGAGCCCAATCTGTGCC
 GCTCAGTCTCATTGCCAACACGGTCCGGCAGATCCAAGAGGAGATGACGCAGGATGGGA
 CGTGGCGCACAGTGGCACCCAGGCTGCAGAGCGGGCGCCGCTCGACCGCTTGGTCTCCA
 CGGAGATCCTGTGCCGTGCAGCGTGGGGCAAGAGGGGGCACATCCTGCTCCTGGCTTGG
 GGGACGGCCACACACAGGGTCCAGTTTCTGACCTTTGCCAGTCACCTCAGCACAGGCAC
 CAAGGCACCTGCAGAGCAGCGCCTGGGAGATGGATGGCCCTCGAGAAAACAGAGGAAGCT
 TTCACAAGTCACTTGATCAGATATTTGAAACGCTGGAGACTAAAAACCCAGCTGCATGG
 AAGAGCTGTTCTCAGACGTGGACAGCCCTACTACGACCTGGACACAGTACTGACAGGCA
 TGATGGGGGGTGCCAGGCCGGGCCCTGCGAAGGGCTCGAGGGCTTGGCTCCGGCCACCC
 CAGGCCCTAGCTCCAGCTGCAAGTCCGACCTGGGCGAGCTGGACCACGTGGTGGAGATCC
 TGGTGGAGACCTGAGCAGGAGCCCTGAGTGCTCACAGCCGCTCTGACGCATTGACACTG
 AGCATCACTACAGTCTCAGTCAACAGTGTGAATGTATCATGTTTTACTTTAAATGTGTGT
 GTGATACTTCTTATTATGTCCTGCGTGCAGTGAGACCTGGGTGAAAATCAGGAACCCG
 ACACAGCCACATCTTCTAGACCTAAGAGTAAATATGGAGGATTTTATTTATGTCTATT
 TATATGTAATGTCATTGAAGACAAAGGTCAAATATTTGTCTGTTTGTAGATCACAGGCA
 CCAGTTGGTCTTTCAGGGACCTCATAGCCCTCGGTGGTGCCTTCTCAAGGCAAGTGTCTCT
 GGAGGCTCCCGTCAAGGTGAGCCATGCACCTGCCTGGGTGAGGAAGTGCATTGCTGC
 TGGATGAGAAAACGCTGCGCTGCTGTTAGACTGGTGTGAAACAAAAGGTTAAGGCTA
 GGTTGAAGTCTAGAATGAAAGAAATCTGAATCCATGTCATTTCATAACCCCTTGATCTGTA
 GTGTCATGGGTGCTGCCGAGGCAGGGAGTGAGCTGGGGTGCCTGCAGCCTTCCACTCC
 TGCCCCGCTCACCCACATGCTCCCTGTTTCTCATGCTTTCTCTAACTCCTCACCCCT
 TAACCAAAAAGGTGTGTTTTCTTTGTGCATATAGCCATTCTTAAATATCAGTGATGTA
 ACCTCACTTTATTAATAAATTATCCAGCAAACAAAAA



[View online »](#)

Restriction Sites:	Please inquire
ACCN:	NM_145701
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_145701.1 , NP_663747.1
RefSeq Size:	1645 bp
RefSeq ORF:	726 bp
Locus ID:	55038
UniProt ID:	Q9BXL8
Cytogenetics:	14q32.33
Protein Families:	ES Cell Differentiation/IPS
Gene Summary:	<p>This gene encodes a protein that belongs to the E2F family of transcription factors. This protein regulates E2F-dependent transcriptional activation and cell proliferation, mainly through the E2F/retinoblastoma protein pathway. It also functions in the regulation of JUN oncogene expression. This protein shows distinctive nuclear-mitotic apparatus distribution, it is involved in spindle organization from prometaphase, and may also play a role as a midzone factor involved in chromosome segregation or cytokinesis. Two alternatively spliced transcript variants encoding the same protein have been noted for this gene. Two pseudogenes have also been identified on chromosome 1. [provided by RefSeq, May 2014]</p> <p>Transcript Variant: This variant (2) lacks a segment in the 3' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The extent of this transcript is supported by transcript alignments.</p>