

Product datasheet for **SC311382**

CDCA7 (NM_031942) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDCA7 (NM_031942) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDCA7
Synonyms:	ICF3; JPO1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_031942 edited ATGGACGCTCGCCGCGTGCCGACAGAAAGATCTCAGAGTAAAGAAGAACTTAAAGAAATTC AGATATGTGAAGTTGATTTCCATGGAAACCTCGTCATCCTCTGATGACAGTTGTGACAGC TTTGCTTCTGATAATTTTGCAAACACGAAACCTAAATTCAGGTCAGATATCAGTGAAGAA CTGGCAATGTTTTTATGAGGACTCTGATAATGAATCTTTCTGCGGCTTTTCAGAAAGT GAGGTGCAAGATGTATTAGACCATTGTGGATTTTACAGAAACCAAGGCCAGATGTCACT AACGAAGTGGCCGGTATTTTTCATGCCGACTCTGACGATGAATCATTTTTCGCGTTTCTCA GAGAGTGAGATACAAGATGGAATGAGGCTGCAGTCAGTTCGGGAAGGCTGTAGGACCCGC AGCCAGTGCAGGCACTCTGGACCTCTCAGGGTGGCGATGAAGTTTCCAGCGCGGAGTACC AGGGGAGCAACCAACAAAAAGCAGAGTCCCGCCAGCCCTCAGAGAATTCTGTGACTGAT TCCAACCTCCGATTGAGAAGATGAAAGTGAATGAATTTTTTGGAGAAAAGGGCTTTAAAT ATAAAGCAAAACAAAGCAATGCTTGCAAACTCATGTCTGAATTAGAAAGCTTCCCTGGC TCGTTCGGTGGAAGACATCCCCTCCCAGGCTCCGACTCAATCAAGGAGACCGCGAAGG CGTACATTTCCCGGTGTTGCTTCCAGGAGAAACCCTGAACGGAGAGCTCGTCCTTTACC AGGTCAAGGTCCCGGATCCTCGGGTCCCTTGACGCTCTACCCATGGAGGAGGAGGAGGAA GAGGATAAGTACATGTTGGTGAGAAAGAGGAAGACCGTGGATGGCTACATGAATGAAGAT GACCTGCCCAGAAGCCGTCGCTCCAGATCATCCGTGACCCTTCCGCATATAATTCGCCCCA GTGGAAGAAATTACAGAGGAGGAGTTGGAGAACGTCTGCAGCAATTCTCGAGAGAAGATA TATAACCGTTCACTGGGCTCTACTTGTCATCAATGCCGTCAGAAGACTATTGATACCAAA ACAAACTGCAGAAACCCAGACTGCTGGGCGTTTCGAGGCCAGTTCTGTGGCCCTGCCTT CGAAACCGTTATGGTGAAGAGGTCAGGGATGCTCTGCTGGATCCGAACTGGCATTGCCCG CCTTGTGAGGAATCTGCAACTGCAGTTTCTGCCGGCAGCGAGATGGACGGTGTGCGACT GGGGTCTTGTGATTTAGCCAAATATCATGGCTTTGGGAATGTGCATGCCTACTTGAAA AGCCTGAAACAGGAATTTGAAATGCAAGC: A: TAA
Restriction Sites:	Please inquire


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ACCN:	NM_031942
Insert Size:	2700 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 ORF of this clone has been fully sequenced and found to be a perfect match to NM_031942.4.
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:	<u>NM_031942.4, NP_114148.3</u>
RefSeq Size:	2839 bp
RefSeq ORF:	1353 bp
Locus ID:	83879
UniProt ID:	<u>Q9BWT1</u>
Cytogenetics:	2q31.1
Gene Summary:	This gene was identified as a c-Myc responsive gene, and behaves as a direct c-Myc target gene. Overexpression of this gene is found to enhance the transformation of lymphoblastoid cells, and it complements a transformation-defective Myc Box II mutant, suggesting its involvement in c-Myc-mediated cell transformation. Two alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) encodes the longer isoform (1).