

Product datasheet for SC317590

C10orf46 (CACUL1) (NM_153810) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf46 (CACUL1) (NM_153810) Human Untagged Clone
Tag:	Tag Free
Symbol:	C10orf46
Synonyms:	C10orf46; CAC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317590 representing NM_153810. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGAGGAAAGCATGGAAGAGGAGGAGGGGGCAGCTACGAGGCGATGATGGACGACCAGAACCAAC
 AACTGGGAGGCTGCGGTGGACGGCTTCCGGCAGCCCTGCCACCTCCGCCGCCCTCGTCGATCCCG
 GCCCCTGCCCGAGAGCCTCCGGGGGGCAGCTGCTGGCGGTGCCCGCGGTCTCCGTGGACAGGAAAGGC
 CCCAAGGAGGGGCTCCCGATGGGGCCGAGCCACCGCCGAGGCTAATGGGGTGATCATGATGTTGAAG
 AGCTGCGACGCGGCCGCCGCTGGCCAAGGCGGCCCGCCCCACCGCCAGCTCCACCATCAACATC
 AACACCTCCACCTCCAAGTTCTTAATGAATGTTATAACTATTGAAGATTATAAGAGCACATACTGGCCA
 AAATTGGATGGTGCCATAGATCAACTTTTAACTCAGAGTCCTGGTGAATATATCCCATATCCTATGAA
 CAGATATACAGTTGTGTGTATAATGTGTATGCCAGCAGCACTCGGAACAGATGTATAGTGATCTGATT
 AAAAAGATAACTAATCACTTAGAGAGAGTCTCAAAGGAGCTGCAGGCCAGCCCTCCAGATCTCTATATT
 GAAAGATTTAATATAGCTCTTGGACAATATATGGGAGCATTGCAGAGCATTGTGCCTCTTTTCATATAT
 ATGAATAAGTTTTACATCGAAACCAAGCTTAACAGAGACTTAAAGATGACCTTAAAGCTGTTTACG
 GAACATGTTGCAGAAAAGCACATTTACAGCCTAATGCCTTTACTTTTGAAGCCAGTCAACACCATTT
 CAGGTCACACCTTCAACTATGGCAAATATTGTGAAAGGCTGTATACCCTCAGACCAGAGTGCGTTCAG
 ATGGCTCCAACCTATTTTCTAAATTTATCCTCAACATTCTCCCTCCGGCGGTGGAATCTGAACCTTCT
 GAATATGCTGCTCAAGATCAGAAATTTCAAAGAGAATTATACAGAATGGTTTTACAAGGGGTGACCAG
 TCCCGAAGAGAGCTGGGGATGAGTTGGCTTATAATAGCTCGTCAGCATGTGCAAGTTCCAGGGGTAC
 AGATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_153810
Insert Size:	1110 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:	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:	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_153810.4</u>
RefSeq Size:	6758 bp
RefSeq ORF:	1110 bp
Locus ID:	143384
UniProt ID:	<u>Q86Y37</u>
Cytogenetics:	10q26.11
MW:	41.1 kDa
Gene Summary:	Cell cycle associated protein capable of promoting cell proliferation through the activation of CDK2 at the G1/S phase transition.[UniProtKB/Swiss-Prot Function]