

Product datasheet for SC317417

CUEDC2 (NM_024040) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CUEDC2 (NM_024040) Human Untagged Clone
Tag:	Tag Free
Symbol:	CUEDC2
Synonyms:	bA18114.5; C10orf66
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317417 representing NM_024040. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGCTGGAGAGGATCGTCAGTGCAGCCCTCCTTGCCTTTGTCCAGACACACCTCCCGGAGGCCGAC
CTCAGTGGCTTGGATGAGGTCATCTTCTCCTATGTGCTTGGGGTCTGGAGGACCTGGGCCCTCGGGC
CCATCAGAGGAGAACTTCGATATGGAGGCTTTCAGTGCAGATGATGGAGGCTATGTGCCTGGCTTCGCC
CACATCCCGAGGGCACAATAGGGGACATGATGCAGAAGCTCTCAGGGCAGCTGAGCGATGCCAGGAAC
AAAGAGAACTGCAACCGCAGAGCTCTGGTGTCCAAGGTCAGGTGCCATCTCCCGAGGCCCTGCAG
CGGCCGAAATGCTCAAAGAAGAGACTAGGTCTTCGGCTGCTGCTGCAGACACCAAGATGAGGCA
ACTGGCGCTGAGGAGGAGCTTCTGCCAGGGGTGGATGACTCCTGGAGGTGTTCCCTACCTGTTCCGGT
GAGCAGGCCAGTGGGTGCTGGCCAAAGCTCGGGGGGACTTGAAGAAGCTGTGCAGATGCTGGTAGAG
GGAAAGGAAGAGGGGCTGCAGCCTGGGAGGGCCCAACCGAGGACCTGCCAGACGCTCAGAGGCCCC
CAAAGGATGAGCTGAAGTCCTTCATCCTGCAGAAGTACATGATGGTGGATAGCGCAGAGGATCAGAAG
ATTCACCGGCCCATGGCTCCCAAGGAGGGCCCAAGAAGCTGATCCGATACATCGACAACCGGTAGTG
AGCACAAAGGGGAGCGATTCAAAGATGTGCGGAACCTGAGGCCGAGGAGATGAAGGCCACATACATC
AACCTCAAGCCAGCCAGAAAGTACCGCTCCAT TGA
ACGGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	□
ACCN:	NM_024040
Insert Size:	864 bp



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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:	<u>NM_024040.2</u>
RefSeq Size:	1203 bp
RefSeq ORF:	864 bp
Locus ID:	79004
UniProt ID:	<u>Q9H467</u>
Cytogenetics:	10q24.32
Domains:	CUE
MW:	32 kDa
Gene Summary:	Down-regulates ESR1 protein levels through the ubiquitination-proteasome pathway, regardless of the presence of 17 beta-estradiol. Also involved in 17 beta-estradiol-induced ESR1 degradation. Controls PGR protein levels through a similar mechanism. [UniProtKB/Swiss-Prot Function]