

Product datasheet for **RC232273**

CIDE C (CIDE C) (NM_001199551) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CIDE C (CIDE C) (NM_001199551) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CIDE C
Synonyms:	CIDE-3; CIDE3; FPLD5; FSP27
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC232273 representing NM_001199551 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAATACGCCATGAAGTCCCTTAGCCTTCTCTACCCCAAGTCCCTCTCCAGGCATGTGTCACTGCGTA
CCTCTGTGGTGACCCAGCAGCTGCTGTCGGAGCCAGCCCAAGGCCCCAGGGCCCGCCCTGCCGCT
AAGCACGGCGGATCGAAGCGTGAGGAAGGCATCATGGCTTACAGTCTTGAGGACCTCCTCTCAAGACT
AGGAACCTGAAGCCAGGAGCCAAGAGGTCCGGGACACTCTGATGCTGGCAGACAAGCCCTTCTTCTGG
TGCTGGAGGAAGATGGCACAAGTGTAGAGACAGAAGAGTACTTCCAAGCCCTGGCAGGGGATACAGTGT
CATGGTCTCCAGAAGGGGCAGAAATGGCAGCCCCATCAGAACAGGGGACAAGGCACCCACTGTCCCTC
TCCCATAAGCCTGCCAAGAAGATTGATGTGGCCCGTGAACGTTTGATCTGTACAAGCTGAACCCACAGG
ACTTCATTGGCTGCCTGAACGTGAAGGCGACTTTTTATGATACATACTCCCTTTCCTATGATCTGCACTG
CTGTGGGGCCAAGCGCATCATGAAGGAAGCTTCCGCTGGGCCCTCTTCCAGCATGCAGGCCACAGGCCAC
GTACTGCTTGGCACCTCCTGTTACCTGCAGCAGCTCCTCGATGCTACGGAGGAAGGGCAGCCCCCAAGG
GCAAGGCCTCATCCCTTATCCCGACCTGTCTGAAGATACTGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC232273 representing NM_001199551
Red=Cloning site Green=Tags(s)

MEYAMKSLSLLYPKSLSRHVSVRTSVVTQQLLSEPSKAPRARPCRVSTADRSVRKGMAYSLIEDLLKLT
 RNPEARSQEVRTLMLADKPFLLVLEEDGTTVETEEYFQALAGDTVMVLQKGQKWQPPSEQGTRHPLSL
 SHKPAKKIDVARVTFDLYKLNPDQFIGCLNVKATFYDYTSLSYDLHCCGAKRIMKEAFRWALFSMQATGH
 VLLGTSCYLQQLLDATEEGQPPKKGASSLIPTCLKILQ

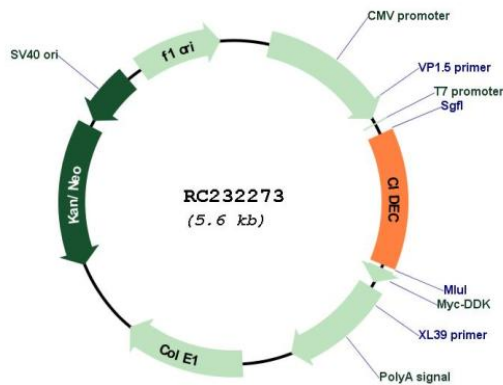
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001199551
ORF Size: 744 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001199551.1 , NP_001186480.1
RefSeq Size:	1244 bp
RefSeq ORF:	747 bp
Locus ID:	63924
UniProt ID:	Q96AQ7
Cytogenetics:	3p25.3
Protein Families:	Druggable Genome
MW:	28.4 kDa
Gene Summary:	This gene encodes a member of the cell death-inducing DNA fragmentation factor-like effector family. Members of this family play important roles in apoptosis. The encoded protein promotes lipid droplet formation in adipocytes and may mediate adipocyte apoptosis. This gene is regulated by insulin and its expression is positively correlated with insulin sensitivity. Mutations in this gene may contribute to insulin resistant diabetes. A pseudogene of this gene is located on the short arm of chromosome 3. Alternatively spliced transcript variants that encode different isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]