

Product datasheet for SC329533

CIDE C (CIDEC) (NM 001199552) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: CIDE C (CIDEC) (NM_001199552) Human Untagged Clone

Tag: Tag Free
Symbol: CIDEC

Synonyms: CIDE-3; CIDE3; FPLD5; FSP27

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF: >SC329533 representing NM_001199552.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAATACGCCATGAAGTCCCTTAGCCTTCTCTACCCCAAGTCCCTCTCCAGGCATGTGTCAGTGCGT
ACCTCTGTGGTGACCCAGCAGCTGCTGTCGGAGCCCCAAGGCCCCCAGGGCCCGGCCCTGCCGC
GTAAGCACGGCGGATCGAAGCGTGAGGAAGGGCATCATGGCTTACAGTCTTGAGGACCTCCTCCTCAAG
GTCCGGGACACTCTGATGCTGGCAGACAAGCCCTTCTTCCTGGTGCTGGAGGAAGATGGCACAACTGTA
GAGACAGAAGAGTACTTCCAAGCCCTGGCAGGGGATACAGTGTTCATGGTCCTCCAGAAGGGGCAGAAA
TGGCAGCCCCCATCAGAACAGGGGACAAGGCACCCACTGTCCCTCTCCCATAAGCCTGCCAAGAAGATT
GATGTGGCCCGTGTAACGTTTGATCTGTACAAGCTGAACCCACAGGACTTCATTGGCTGCCTGAACGTG
AAGGCACTTTTTATGATACATACTCCCTTTCCTATGATCTGCACTGCTGTGGGGCCAAGCGCATCATG
AAGGAAGCTTTCCGCTGGGCCCTCTTCAGCATGCAGGCCACAGGCCACGTACTGCTTGCACCTCCTT

CCGACCTGTCTGAAGATACTGCAGTGA

Restriction Sites: Sgfl-Mlul

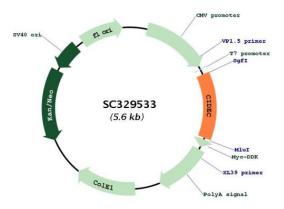
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Plasmid Map:



ACCN: NM_001199552

Insert Size: 717 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).

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: NM 001199552.1

RefSeq Size: 1214 bp
RefSeq ORF: 717 bp
Locus ID: 63924
UniProt ID: Q96AQ7
Cytogenetics: 3p25.3

Protein Families: Druggable Genome

MW: 26.8 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]

Transcript Variant: This variant (4) differs in the 5' UTR and lacks an in-frame portion of the 5' coding region, compared to variant 1. This variant encodes isoform 3, which is shorter than

isoform 1. Variants 3 and 4 encode the same protein.