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Product datasheet for SC126367

CIDE C (CIDEC) (NM_022094) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CIDE C (CIDEC) (NM_022094) Human Untagged Clone
Tag:	Tag Free
Symbol:	CIDE C
Synonyms:	CIDE-3; CIDE3; FPLD5; FSP27
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_022094 edited GAAACATGGAGTCCAACGCAGTCCAGCTGACAAGGATGGAATACGCCATGAAGTCCCTTA GCCTTCTGTACCCCAAGTCCCTCTCCAGGCATGTGTCAGTGCGTACCTCTGTGGTGACCC AGCAGCTGCTGTCGGAGCCCAGCCCCAAGGCCCCCAGGGCCCGGCCCTGCCGCGTAAGCA CGGCGGATCGAAGCGTGAGGAAGGGCATCATGGCTTACAGTCTTGAGGACCTCCTCCTCA AGGTCCGGGACACTCTGATGCTGGCAGACAAGCCCTTCTTCCTGGTGCTGGAGGAAGATG GCACAACTGTAGAGACAGAAGAGTACTTCCAAGCCCTGGCAGGGGATACAGTGTTCATGG TCCTCCAGAAGGGGCAGAAATGGCAGCCCCCATCAGAACAGGGGACAAGGCACCCACTGT CCCTCTCCCATAAGCCTGCCAAGAAGATTGATGTGGCCCGTGTAACGTTTGATCTGTACA AGCTGAACCCACAGGACTTCATTGGCTGCCTGAACGTGAAGGCGACTTTTTATGATACAT ACTCCCTTTCCTATGATCTGCACTGCTGTGGGGCCAAGCGCATCATGAAGGAAGCTTTCC GCTGGGCCCTCTTCAGCATGCAGGCCACAGGCCACGTACTGCTTGGCACCTCCTGTTACC TGCAGCAGCTCCTCGATGCTACGGAGGAAGGGCAGCCCCCCAAGGGCAAGGCCTCATCCC TTATCCCGACCTGTCTGAAGATACTGCAGTGAAAGCCCAAGTCCTTGGAAGCTTTCCCCA GTGAAGGACTGACTGGGGGCCTCACGCTTAACTGGTAGTGCCCACAAGCCTGGCAGCTGT AGAGCCGCGAACCTCCCCACACCTCCCTCACCGCGCAGGACCCTGAGTGAGGAGGAGGAG CTGGAAACCTGGGGTGGGTTGGCCAAAGGAGAACCTCAAGCTCCTGGCCTGATCCAGCTC CTTCCTGCCCAAGGCAGCTTAGCCCATCCAGACTGGTCCTGAAGTCTGTCCCTCCATTGG CATGAAGTCTGCCCCTTAGCAATCCGGCCTCGCAGGCTGTACTTTCATGGTGCTCTCTAC CTTCTGGCCCCCATCCCGGAACATTCCTGAGTGAATTCGCAAGCGCACTAGCATGTGATA TTAGGGAGTTTGCAATAAATTATTGAGGCTGATGTAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022094 unedited
AGATTTTGTATACGACNACTATAGGCGGACCGCGAATCANATCTGGTACCGGTCCGGAAT
TCCCGGGATATCGTCGACCCACGCGTCCGGAAACATGGAGTCCAACGCAGTCCAGCTGAC
AAGGATGGAATACGCCATGAAGTCCCTTAGCCTTCTGTACCCCAAGTCCCTCTCCAGGCA
TGTGTCAGTGCGTACCTCTGTGGTGACCCAGCAGCTGCTGTCGGAGCCCAGCCCCAAGGC
CCCCAGGGCCCGGCCCTGCCGCGTAAGCACGGCGGATCGAAGCGTGAGGAAGGGCATCAT
GGCTTACAGTCTTGAGGACCTCCTCCTCAAGGTCCGGGACACTCTGATGCTGGCAGACAA
GCCCTTCTTCCTGGTGCTGGAGGAAGATGGCACAACTGTAGAGACAGAAGAGTACTTCCA
AGCCCTGGCAGGGGATACAGTGTTCATGGTCCTCCAGAAGGGGCAGAAATGGCAGCCCCC
ATCAGAACAGGGGACAAGGCACCCACTGTCCCTCTCCCATAAGCCTGCCAAGAAGATTGA
TGTGGCCCGTGTAACGTTTGATCTGTACAAGCTGAACCACAGGACTTCATTGGCTGCCTG
AACGTGAAGGCGACTTTTTATGATACATACTCCCTTTCCTATGATCTGCACTGCTGTGGG
GCCAAGCGCATCATGAAAGAAAGCTTCCGCTGGGCCCTCTTCAGCATGCAGGCCCACAGC
CACGTACTGCTTGGCACCTCCTGTTACCTGCAGCAGCTCCTCGATGCTACGGAGGAAGGG
CAGCCCCCCAGGGCAAGGCCTCATCCCTTATCCCGACCTGTCTGAGAAACCTGCAGGAAA
CCCAAGTCCTGGGAGACTTTCCCATGAAAGACTGACTGGGGCCCTCACCCTAAACTGGGT
GGGCCCCAAACCTGGCAACTTTAAAGCCCGAACCTTCCCACACTTCCTTACCGGGAAGG

Restriction Sites: Please inquire

ACCN: NM_022094

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_022094.2, NP_071377.2

RefSeq Size: 1305 bp

RefSeq ORF: 717 bp

Locus ID: 63924

UniProt ID: Q96AQ7

Cytogenetics: 3p25.3

Protein Families: Druggable Genome

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 (3) 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.