

Recombinant Human CIDE C

Cat. No. CIDE C-27245TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CIDE C with proprietary tag; Predicted MWt 52.29 kDa.
Species	Human
Source	Wheat Germ
Protein Length	238 amino acids
Description	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.
Molecular Weight	52.290kDa inclusive of tags
Tissue specificity	Expressed mainly in small intestine, heart, colon and stomach and, at lower levels, in brain, kidney and liver.
Form	Liquid

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Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MEYAMKSLSLLYPKSLSRHVSVRTSVVTQQLLSEPPKAPRARPCRVSTADRSVRK GIMAYSLEDLLLKVRDTLMLADKPFLLVLEEDGTTVETEEYFQALAGDTVFMVLQKG QKWQPPSEQGTRHPLSLSHKPAKKIDVARVTFDLYKLNPDQDFIGRLNVKATFYDTYS LSYDLHCCGAKRIMKEAFRWALFSMQATGHVLLGTSCYLQQLLDATEEGQPPKGA SSLIPTCLKILQ
Sequence Similarities	Contains 1 CIDE-N domain.

GENE INFORMATION

Gene Name	CIDEc cell death-inducing DFFA-like effector c [Homo sapiens]
Official Symbol	CIDEc
Synonyms	CIDEc; cell death-inducing DFFA-like effector c; cell death activator CIDE-3; CIDE 3; FLJ20871; Fsp27;
Gene ID	63924
mRNA Refseq	NM_001199551
Protein Refseq	NP_001186480

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MIM	612120
Uniprot ID	Q96AQ7
Chromosome Location	3p25
Function	molecular_function;

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