
Product Data Sheet

Product Name: CIDEc Human
 Cat. No.: GP23161
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cell Death-Inducing DFFA-Like Effector C; FSP27; CIDE3; FPLD5; Cell Death-Inducing DFFA-Like Effector Protein C; Fat-Specific Protein FSP27 Homolog; Cell Death Activator CIDE-3; Fat Specific Protein 27; CIDE-3; CIDEc.		
Amino Acid Sequence	MKHHHHHHASEYAMKSLSL YPKSLSRHVS VRTSVVTQQL LSEPSPKAPR ARPCRSTAD RSVRKGIMAY SLEDLLLKVR DTLMLADKPF FLVLEEDGTT VETEEYFQAL AGDTVFMVLQ KGQKWQPPSE QGTRHPLSLS HKPAKKIDVA RVTFDLYKLN PQDFIGCLNV KATFYDTYSL SYDLHCCGAK RIMKEAFRWA LFSMQATGHV LLGTSCYLQ LLDATTEEGQP PKGKASSLIP TCLKILQ.		
Formulation	CIDEc filtered (0.4µm) solution at a concentration of 0.4mg/ml in 30mM acetate buffer and 10mM dithiothreitol, pH 4.		

Introduction

Cell Death-Inducing DFFA-Like Effector C (CIDEc) belongs to the cell death-inducing DNA fragmentation factor-like effector family, whose members have significant roles in apoptosis. CIDEc is expressed mainly in adipocytes, intestine, heart, stomach, and weakly in the brain, kidney and liver. CIDEc overexpression in preadipocytes induces apoptosis. CIDEc regulates enlargement of lipid droplets.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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CIDEC Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Glu2-Gln238) containing 247 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 28kDa.

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