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32-3540: CIDEC Recombinant Protein

Alternative Name :	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.

Description

Source : Escherichia Coli. 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. 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. The CIDEC gene is regulated by insulin and its expression is clearly correlated with insulin sensitivity. CIDEC gene mutations contribute to insulin resistant diabetes.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	CIDEC filtered (0.4µm) solution at a concentration of 0.4mg/ml in 30mM acetate buffer and 10mM dithiothreitol, pH 4.
Storage condition :	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.
Amino Acid :	MKHHHHHHASEYAMKSLSLL YPKSLSRHVS VRTSVVTQQL LSEPSPKAPR ARPCRVSTAD RSVRKGIMAY SLEDLLLKVR DTLMLADKPF FLVLEEDGTT VETEEYFQAL AGDTVFMVLQ KGQKWQPPSE QGTRHPLSLS HKPAKKIDVA RVTFDLYKLN PQDFIGCLNV KATFYDTYSL SYDLHCCGAK RIMKEAFRWA LFSMQATGHV LLGTSCYLQQ LLDATEEGQP PKGKASSLIP TCLKILQ.

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