

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,CIDE C.

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 (CIDE C) belongs to the cell death-inducing DNA fragmentation factor-like effector family, whose members have significant roles in apoptosis. CIDE C is expressed mainly in adipocytes, intestine, heart, stomach, and weakly in the brain, kidney and liver. CIDE C overexpression in preadipocytes induces apoptosis. CIDE C regulates enlargement of lipid droplets. The CIDE C gene is regulated by insulin and its expression is clearly correlated with insulin sensitivity. CIDE C gene mutations contribute to insulin resistant diabetes.

Product Info

Amount : 10 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : CIDE C 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 : MKHHHHHHASEYAMKSL SLL YPKSLSRHVS VRTSVVTQQL LSEPSPKAPR ARPCRVSTAD RSVRKGIMAY SLEDLLLKVR DTLMLADKPF FLVLEEDGTT VETEEYFQAL AGDVFVVLQ KGQKWQPPSE QGTRHPLSLS HKPAKKIDVA RVTFDLYKLN PQDFIGCLNV KATFYDTYSL SYDLHCCGAK RIMKEAFRWA LFSMQATGHV LLGTSCYLQQ LLDATTEEGQP PKGKASSLIP TCLKILQ.

