

## 32-3540: CIDE C 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. CIDE C 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 ARPCRSTAD RSVRKGIMAY SLEDLLKVR DTLMLADKPF FLVLEEDGTT VETEEYFQAL AGDTVFMVLQ KGQKWQPPSE QGTRHPLSLS HKPAKKIDVA RVTFDLYKLN PQDFIGCLNV KATFYDTYSL SYDLHCCGAK RIMKEAFRWA LFSMQATGHV LLGTSCYLQQ LLDATTEGQP PKGKASSLIP TCLKILQ.

