

## PRODUCT DATA SHEET

### Cell Death-Inducing DFFA-Like Effector C Human E. coli

**Cat. No.:** RD172372100

**Size:** 0.1 mg

**Source:** E. coli

**Type:** Recombinant protein

**Species:** Human

**Other Names:**

Cell death activator CIDE-3, Fat-specific protein FSP27 homolog, CIDEA, FSP27

**Description:**

Total 247 AA. MW: 28 kDa (calculated). UniProtKB acc.no. Q96AQ7 (Glu2-Gln238). N-terminal His-tag (10 extra AA). Protein identity confirmed by MS.

**Amino Acid Sequence:**

MKHHHHHHAS EYAMKSLSLL YPKLSLRHVS VRTSVVTQQL LSEPSPKAPR ARPCRVSTAD  
RSVRKGIMAY SLEDLLKVR DTLMLADKPF FLVLEEDGTT VETEEYFQAL AGDTVFMVLQ  
KGQKWQPPSE QGTRHPLSL HKPAKKIDVA RVTFDLYKLN PQDFIGCLNV KATFYDTYSL  
SYDLHCCGAK RIMKEAFRWA LFSMQATGHV LLGTSCYLQQ LLDATEEGQP PKGASSLIP  
TCLKILQ

**Purity:**

> 90 % by SDS-PAGE

**Endotoxin:**

< 1.0 EU/μg

**Formulation:**

0.4 – 0.8 mg/ml in 30 mM acetate buffer, 10mM dithiothreitol, pH 4 – filtered (0.4 μm), frozen

**Reconstitution:**

Defrost at ambient temperature.

**Shipping:**

On ice. Upon receipt, store the product at the temperature recommended below.

**Storage/Stability:**

Store protein at -80°C. Protein remains stable until the expiry date when stored at -80°C. Avoid repeated freezing/thawing cycles. The thawed protein can be stored at 4 °C for a week.

**Quality Control:**

Bradford protein assay to determine quantity of the protein.  
SDS-PAGE to determine purity of the protein.  
Endotoxin level determination.

**Applications:**

ELISA, Western blotting

**Note:**

This product is intended for research use only.