

## DFFA 抗原（重组蛋白）

中文名称：DFFA 抗原（重组蛋白）

英文名称：DFFA Antigen (Recombinant Protein)

别 名：DFF1; ICAD; DFF-45

储 存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to N terminal 269 amino acids of human DFFA

### 技术规格

<b>Full name:</b>	DNA fragmentation factor, 45kDa, alpha polypeptide
<b>Synonyms:</b>	DFF1; ICAD; DFF-45
<b>Swissprot:</b>	O00273
<b>Gene Accession:</b>	BC007721
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	Apoptosis is a cell death process that removes toxic and/or useless cells during mammalian development. The apoptotic process is accompanied by shrinkage and fragmentation of the cells and nuclei and degradation of the chromosomal DNA into nucleosomal units. DNA fragmentation factor (DFF) is a heterodimeric protein of 40-kD (DFFB) and 45-kD (DFFA) subunits. DFFA is the substrate for caspase-3 and triggers DNA fragmentation during apoptosis. DFF becomes activated when DFFA is cleaved by caspase-3. The cleaved fragments of DFFA dissociate from DFFB, the

active component of DFF. DFFB has been found to trigger both DNA fragmentation and chromatin condensation during apoptosis. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.