# **PRODUCT INFORMATION**

**Expression system** E.coli

**Domain** 1-208aa

**UniProt No.** Q13158

NCBI Accession No. NP\_003815

### **Alternative Names**

Fas-associated via death domain, GIG3, MORT1, MGC8528, Fas-associated via death domain, FADD, Fasassociated via death domain FADD protein, Fas TNFRSF6 associated via death domain, Fas (TNFRSF6) associated via death domain, Fas associated via death domain, Fas associating protein, Fas associating death domain containing protein, Fas associating protein with death domain GIG 3, Growth inhibiting gene 3 protein, H sapiens mRNA for mediator of receptor induced toxicity, Mediator of receptor induced toxicity, MORT 1.

# **PRODUCT SPECIFICATION**

### **Molecular Weight**

49.5 kDa (434aa) confirmed by MALDI-TOF

**Concentration** 1mg/ml (determined by Bradford assay)

#### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol

Purity > 95% by SDS-PAGE

**Tag** GST-Tag

Application SDS-PAGE

## **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

# BACKGROUND

## Description

FADD (Fas-associated protein with death domain) is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. This protein is implicated in survival/proliferation and cell cycle



progression. FADD functions are also regulated via cellular sublocalization, protein phosphorylation, and inhibitory molecules. Recombinant human FADD, fused to GST-tag, was expressed in E. coli and purified by conventional chromatography techniques.

### **Amino acid Sequence**

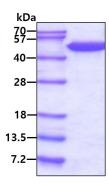
<MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGS>MDPF LVLLHSVSSS LSSSELTELK FLCLGRVGKR KLERVQSGLD LFSMLLEQND LEPGHTELLR ELLASLRRHD LLRRVDDFEA GAAAGAAPGE EDLCAAFNVI CDNVGKDWRR LARQLKVSDT KIDSIEDRYP RNLTERVRES LRIWKNTEKE NATVAHLVGA LRSCQMNLVA DLVQEVQQAR DLQNRSGAMS PMSWNSDAST SEAS

#### **General References**

Lea Tourneur., et al: (2005) Medical Immunology. 4:1 Tsao, C.H., et al: (2008) J. Gen. Virol. 89(PT 8), 1930-1941

# DATA

#### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

