Recombinant human FADD protein

Catalog Number: FAD0801

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, Fas-associated 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

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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

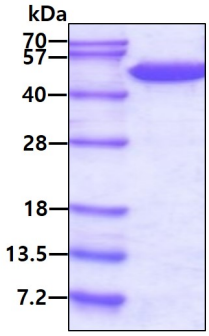
<MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGS>MDPF LVLLHSVSSS LSSSELTELK FLCLGRVGKR KLERVQSGLD LFSMLLEQND 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.