Recombinant Human Fas (TNFRSF6)-associated Via Death Domain, GST tagged

Cat. No. FADD-381H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FADD, fused to GST-tag, was expressed in E.coli and purified by conventional chromatography techniques, 49kDa (434aa).
Species	Human
Source	E.coli
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.
Sequences of amino acids	MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSMDPF LVLLHSVSSS LSSSELTELK FLCLGRVGKR KLERVQSGLD LFSMLLEQND LEPGHTELLR ELLASLRRHD LLRRVDDFEA GAAAGAAPGE EDLCAAFNVI CDNVGKDWRR LARQLKVSDT KIDSIEDRYP RNLTERVRES LRIWKNTEKE NATVAHLVGA LRSCQMNLVA DLVQEVQQAR DLQNRSGAMS PMSWNSDAST SEAS

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Formulation	Liquid in Phosphate buffered saline (pH7.4) containing 20% glycerol
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	FADD Fas (TNFRSF6)-associated via death domain [Homo sapiens]
Synonyms	FADD; Fas (TNFRSF6)-associated via death domain; GIG3; MORT1; MGC8528; Fas-associated via death domain; growth-inhibiting gene 3 protein; mediator of receptor-induced toxicity; Fas-associating protein with death domain; Fas-associating death domain-containing protein; mediator of receptor-induced toxicity; Protein FADD; Mediator of receptor induced toxicity
Gene ID	8772
mRNA Refseq	NM_003824
Protein Refseq	NP_003815
MIM	602457
UniProt ID	Q13158
Chromosome Location	11q13.3

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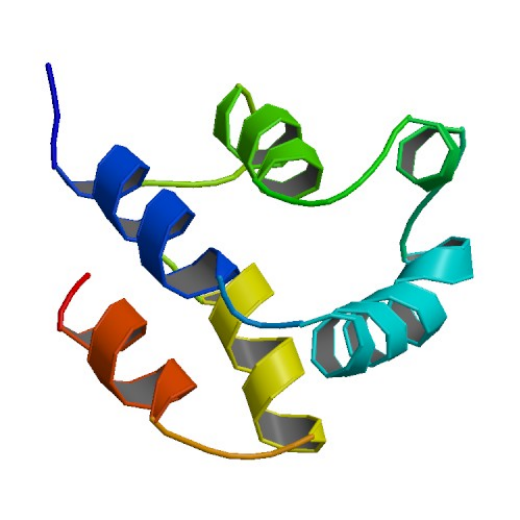
Pathway	Apoptosis; Toll-like receptor signaling pathway; Apoptosis
Function	death receptor binding; identical protein binding
PDB rendering based on 1a1w	

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