

Recombinant Full Length Human FADD Protein, GST-tagged

Cat. No. FADD-4435HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FADD full-length ORF (NP_003815.1, 1 a.a. - 208 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	208 amino acids
Description	The protein encoded by this gene is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. Through its C-terminal death domain, this protein can be recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and thus it participates in the death signaling initiated by these receptors. Interaction of this protein with the receptors unmasks the N-terminal effector domain of this protein, which allows it to recruit caspase-8, and thereby activate the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. [provided by RefSeq, Jul 2008]
Molecular Mass	49.7 kDa
AA Sequence	MDPFLVLLHSVSSSLSSSELTCLKFLCLGRVGKRKLERVQSGLDLFSMLLEQNDLEP GHTELLRELLASLRRHDLLRRVDDFEAGAAAGAAPGEEDLCAAFNVICDNVKGKDW RLARQLKVSDTKIDSIEDRYPRNLTERVRESLRIWKNTOKENATVAHLVGALRSCQM NLVADLVQEVQQARDLQNRSGAMSPMSWNSDASTSEAS

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FADD Fas (TNFRSF6)-associated via death domain [Homo sapiens]
Official Symbol	FADD
Synonyms	FADD; Fas (TNFRSF6)-associated via death domain; protein FADD; Fas associating death domain containing protein; Fas associating protein with death domain; GIG3; growth inhibiting gene 3 protein; mediator of receptor induced toxicity; MORT1; growth-inhibiting gene 3 protein; mediator of receptor-induced toxicity; Fas-associating protein with death domain; Fas-associating death domain-containing protein; MGC8528;
Gene ID	8772
mRNA Refseq	NM_003824
Protein Refseq	NP_003815
MIM	602457

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UniProt ID

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