

Recombinant Full Length Human FADD Protein, C-Flag-tagged

Cat. No. FADD-1644HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FADD Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	23.1 kDa
AA Sequence	MDPFLVLLHSVSSSLSSSELTCLKFLCLGRVGKRKLERVQSGLDLFSMLLEQNDLEP GHTELLRELLASL RRHDLRRVDDFEAGAAAGAAPGEEDLCAAFNVICDNVGKDWR RLARQLKVSDTKIDSIEDRYPRNLTER VRESLRIWKNTOKENATVAHLVGALRSCQM NLVADLVQEVQQARDLQNRSGAMSPMSWNSDASTSEASTRTRPLEQKLISEEDLAA

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	NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Alzheimer's disease, Apoptosis, Pathways in cancer, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	FADD Fas associated via death domain [Homo sapiens (human)]
Official Symbol	FADD
Synonyms	GIG3; IMD90; MORT1
Gene ID	8772

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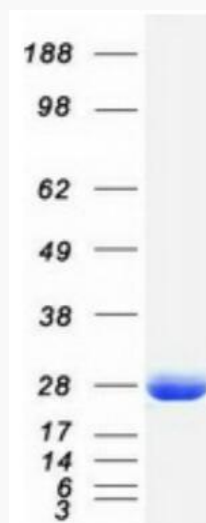
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mRNA Refseq [NM_003824.4](#)

Protein Refseq [NP_003815.1](#)

MIM [602457](#)

UniProt ID [Q13158](#)



Coomassie blue staining of purified FADD protein.

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