Recombinant Human FADD Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FADD-805H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FADD MS Standard C13 and N15-labeled recombinant protein (NP_003815) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	23.3 kDa
AA Sequence	MDPFLVLLHSVSSSLSSSELTELKFLCLGRVGKRKLERVQSGLDLFSMLLEQNDLEP GHTELLRELLASLRRHDLLRRVDDFEAGAAAGAAPGEEDLCAAFNVICDNVGKDWR RLARQLKVSDTKIDSIEDRYPRNLTERVRESLRIWKNTEKENATVAHLVGALRSCQM NLVADLVQEVQQARDLQNRSGAMSPMSWNSDASTSEASTRTRPLEQKLISEEDLAA

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	NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FADD Fas associated via death domain [Homo sapiens (human)]
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

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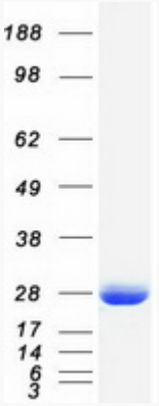
MIM	602457
UniProt ID	Q13158
SDS-PAGE	

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