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32-3803: FADD Recombinant Protein

Alternative Name :	GIG3,MORT1,MGC8528,FADD,Fas (TNFRSF6)-associated via death domain,Protein FADD,FAS-associated death domain protein,FAS-associating death domain-containing protein,Mediator of receptor induced toxicity,Growth-inhibiting gene 3 protein.

Description

Source : Escherichia Coli. FADD produced in E.Coli is a single, non-glycosylated polypeptide chain containing 244 amino acids (1-208 a.a.) and having a molecular mass of 27.4 kDa.FADD is fused to 36 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. FADD is an adaptor protein that cooperates with a variety of cell surface receptors and mediates cell apoptotic signals. Using its C-terminal death domain, FADD is recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and consequently it take parts in the death signaling initiated by these receptors. FADD interaction with the receptors reviels the N-terminal effector domain of, which allows it to recruit caspase-8, and thus initiate the cysteine protease cascade. Knockout studies in mice furthermore propose the significance of FADD in premature T cell development. FADD plays a role in survival/proliferation and cell cycle development. FADD also takes part in cellular sublocalization, protein phosphorylation, and inhibitory molecules.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The FADD protein solution contains 20mM Tris-HCl, pH-8, and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MRGSHHHHHHGMASMTGGQQ MGRDLYDDDD KDRWGSMDPF LVLLHSVSSS LSSSELTELK FLCLGRVGKR KLERVQSGLD LFSMLLEQND LEPGHTELLR ELLASLRRHD LLRRVDDFEA GAAAGAAPGE EDLCAAFNVI CDNVGKDWRR LARQLKVSDT KIDSIEDRYP RNLTERVRES LRIWKNTEKE NATVAHLVGA LRSCQMNLVA DLVQEVQQAR DLQNRSGAMS PMSWNSDAST SEAS.