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**FADD,1-208aa, Human GST-tagged, Recombinant, E.coli**

**Cat.NO.: TP02081**

3th Edition

**Synonyms:**Fas-associated via death domain, GIG3, MORT1

**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. Recombinant human FADD, fused to GST-tag, was expressed in E.coli and purified by conventional chromatography techniques.

**Form:**Liquid in Phosphate buffered saline (pH7.4) containing 20% glycerol

**Molecular Weight:**49kDa (434aa), confirmed by MALDI-TOF

**Sequences:**

MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPPYYIDGDVKLTQSMIIIRYIADK  
HNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFETLKVDLFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFM  
LYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGQWQATFGGGDHPPKSDLVPRGSMDFP  
LVLLHSVSSSLSSSELTELKFLCLGRVGRKRLERVQSGLDLFSMLLEQNDLEPGHTELLRELLASLRRHDLLRRVDD  
FEAGAAAGAAPGEEDLCAAFNVICDNVKGKDWRRRLARQLKVSDTKIDSIEDRYPRNLTERVRESLRIWKNTTEKENAT  
VAHLVGALRSCQMNLVADLVQEVQQARDLQNRSGAMSPMSWNSDASTSEAS

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.