

**FADD, 1-208 aa, Human, His-tag, E.coli**

**Cat.NO.: TP02080**

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 FADD protein was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.

**Molecular Weight:**27.4 kDa (244aa)

**Sequences:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMDFLVLLHSVSSSLSSSELTFLKFLCLGRVGRKLE  
RVQSGDLDFSMLEQNDLEPGHTELLRELLASLRRHDLLRRVDDFEAGAAAGAAPGEEDLCAAFNVICDNVGKDW  
RRLARQLKVS DTKIDSIEDRYPRNLTERVRESLRIWKNTKENATVAHLVGALRSCQMNLVADLVQEVQQARDLQN  
RSGAMSPMSWNSDASTSEAS

**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.