



# Recombinant Human FAS-associated death domain protein (FADD)

<b>Product Code</b>	CSB-BP623788HU
<b>Abbreviation</b>	FADD
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q13158
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MDPFLVLLHS VSSSLSSSEL TELKFLCLGR VGKRKLERVQ SGLDLFSMLL EQNDLEPGHT ELLRELLASL RRHDLLRRVD DFEAGAAAGA APGEEDLCAA FNVICDNVGK DWRRLARQLK VSDTKIDSIE DRYPRNLTER VRESLRIWKN TEKENATVAH LVGALRSCQM NLVADLVQEV QQARDLQNRS GAMSPMSWNS DASTSEAS
<b>Source</b>	Baculovirus
<b>Target Names</b>	FADD
<b>Protein Names</b>	Recommended name: Protein FADD Alternative name(s): FAS-associated death domain protein FAS-associating death domain-containing protein Growth-inhibiting gene 3 protein Mediator of receptor induced toxicity
<b>Expression Region</b>	1-208
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein 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 unmask 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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