

Product datasheet for **TP301805**

FADD (NM_003824) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Fas (TNFRSF6)-associated via death domain (FADD), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201805 protein sequence Red =Cloning site Green =Tags(s)
	MDPFLVLLHSVSSSLSSSELTFLKFLCLGRVGRKRLERVQSGLDLFSMLLEQNDLEPGHTELLRELLASL RRHDLLRRVDDFEAGAAAGAAPGEEDLCAAFNVICDNVKGDWRRRLARQLKVSDTKIDSIEDRYPRNLTER VRESLRIWKNTEKENATVAHLVGLRSCQMNLVADLVQEVQQARDLQNRSGAMSPMSWNSDASTSEAS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	23.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003815
Locus ID:	8772
UniProt ID:	Q13158
RefSeq Size:	1855



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Cytogenetics: 11q13.3

RefSeq ORF: 624

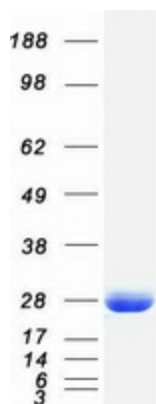
Synonyms: GIG3; MORT1

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Alzheimer's disease, Apoptosis, Pathways in cancer, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway

Product images:



Coomassie blue staining of purified FADD protein (Cat# TP301805). The protein was produced from HEK293T cells transfected with FADD cDNA clone (Cat# [RC201805]) using MegaTran 2.0 (Cat# [TT210002]).