

Product datasheet for PH301805

FADD (NM_003824) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FADD MS Standard C13 and N15-labeled recombinant protein (NP_003815)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201805
Predicted MW:	23.3 kDa
Protein Sequence:	>RC201805 protein sequence Red=Cloning site Green=Tags(s) MDPFLVLLHSSVSSLSSSELTFLKFLCLGRVGRKLERVQSGLDLFSMLLEQNDLEPGHTELLRELLASL RRHDLLRRVDDFEAGAAAGAAPGEEDLCAAFNVICDNVKGKDWRRRLARQLKVSQTKIDSIEDRYPRNLTER VRESLRIWKNTOKENATVAHLVVGALRSCQMNLVADLVQEVQQARDLQNRSGAMSPMSWNSDASTSEAS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003815
RefSeq Size:	1855
RefSeq ORF:	624
Synonyms:	GIG3; MORT1
Locus ID:	8772
UniProt ID:	Q13158



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Cytogenetics: 11q13.3

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 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. [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]).