

Product datasheet for TP301805L

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

FADD (NM_003824) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human Fas (TNFRSF6)-associated via death domain (FADD), 1 mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC201805 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MDPFLVLLHSVSSSLSSSELTELKFLCLGRVGKRKLERVQSGLDLFSMLLEQNDLEPGHTELLRELLASL RRHDLLRRVDDFEAGAAAGAAPGEEDLCAAFNVICDNVGKDWRRLARQLKVSDTKIDSIEDRYPRNLTER VRESLRIWKNTEKENATVAHLVGALRSCQMNLVADLVQEVQQARDLQNRSGAMSPMSWNSDASTSEAS

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Tag: C-Myc/DDK

Predicted MW: 23.1 kDa

Concentration: $>0.05 \mu g/\mu L$ 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

GIG3; MORT1 Synonyms:

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 Nterminal 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

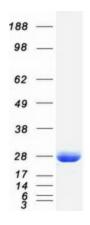
of this protein in early T cell development. [provided by RefSeq, Jul 2008]

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]).