

Product datasheet for PH301805

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 Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: FADD MS Standard C13 and N15-labeled recombinant protein (NP_003815)

Species:HumanExpression Host:HEK293

Expression cDNA Clone

RC201805

or AA Sequence:

Predicted MW: 23.3 kDa

Protein Sequence: >RC201805 protein sequence

Red=Cloning site Green=Tags(s)

MDPFLVLLHSVSSSLSSSELTELKFLCLGRVGKRKLERVQSGLDLFSMLLEQNDLEPGHTELLRELLASL RRHDLLRRVDDFEAGAAAGAAPGEEDLCAAFNVICDNVGKDWRRLARQLKVSDTKIDSIEDRYPRNLTER VRESLRIWKNTEKENATVAHLVGALRSCQMNLVADLVQEVQQARDLQNRSGAMSPMSWNSDASTSEAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration: $>0.05 \mu g/\mu L$ as determined by microplate BCA method

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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





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 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

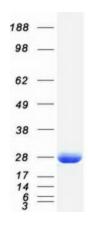
of this protein in early T cell development. [provided by RefSeq, Jul 2008]

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