

Datasheet for ABIN6699826 FADD Protein (His tag)



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Overview

Quantity:	20 µg
Target:	FADD
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FADD protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	FADD recombinant protein-HIS Epitope
Purification:	Recombinant full-length human FADD was expressed in E. coli cells using an N-Terminal his epitope. The purity was determined to be >95% by densitometry.
Purity:	>95%

Target Details

Target:	FADD
Alternative Name:	FADD (FADD Products)
Background:	Synonyms: GIG3, MORT1, MGC8528, FAS-associated death domain protein, FAS-associating death domain-containing protein, Growth-inhibiting gene 3 protein, Mediator of receptor induced toxicity, Protein FADD Background: FADD or Fas-Associated protein with Death Domain is an adaptor molecule that

Target Details

mediates death signaling by the Fas-receptor, tumor necrosis factor receptor and TRAIL-receptor. FADD binds to these receptors via the C-terminus Death Domain which then unmasks the N-terminal effector domain of FADD thereby allowing it to recruit caspase-8 and activate the cysteine protease cascade leading to apoptosis (1). Cells lacking FADD are defective in intracellular double-stranded RNA (dsRNA)-activated gene expression, including production of type I (alpha/beta) interferons and are thus very susceptible to viral infection (2). FADD Protein is ideal for investigators involved in Signaling Proteins, Adaptor Proteins, Apoptosis/Autophagy, Cancer, Cardiovascular Disease, and NfκB Pathway research.

NCBI Accession: [NM_003824](#)

Pathways: [Apoptosis](#), [TLR Signaling](#), [Activation of Innate immune Response](#), [Positive Regulation of Endopeptidase Activity](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: FADD Protein is suitable for use in Western Blot. Expect a band approximately ~ 27 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 µg/µL

Buffer: FADD Protein is stored in 50 mM sodium phosphate, pH 7.0, 300 mM NaCl, 150 mM imidazole, 0.1 mM PMSF, 0.25 mM DTT, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Expiry Date: 12 months