

Active Recombinant human TNFAIP3 protein, C-His and N-DDDDK tagged

Cat. No. TNFAIP3-25H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Active Human TNFAIP3 Protein (Full length, 2 to 790) with C-His and N-DDDDK tag was expressed in Baculovirus infected Sf9 cells.
Species	Human
Source	Sf9 Cells
ProteinLength	Full length, 2 to 790
Description	This gene was identified as a gene whose expression is rapidly induced by the tumor necrosis factor (TNF). The protein encoded by this gene is a zinc finger protein and ubiquitin-editing enzyme, and has been shown to inhibit NF-kappa B activation as well as TNF-mediated apoptosis. The encoded protein, which has both ubiquitin ligase and deubiquitinase activities, is involved in the cytokine-mediated immune and inflammatory responses. Several transcript variants encoding the same protein have been found for this gene.
Form	Liquid
Bio-activity	Specific activity: 0.766 pmol/min/μg Assay Conditions: Reaction was performed in 50 mM Tris pH 7.4, 1 mM DTT, 0.5 mM EDTA, 500 nM Ub-AMC, and various amount of TNFAIP3 in a volume of 50 μL. Reaction was incubated at 37 centigrade for 30 min and fluorescent signal was measured at excitation of 360 nm, and emission at 460 nm.

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Molecular Mass	91 kDa including tags
Purity	79% SDS-PAGE
Applications	SDS-PAGE; Functional Studies
Storage	Store at -80 centigrade. Avoid freeze/thaw cycle. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Storage Buffer	pH: 8.00 Constituents: 0.63% Tris HCl, 64% Sodium chloride, 0.017% Potassium chloride, 0.04% Tween, 0.05% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 20% Glycerol (glycerin, glyc erine)
Shipping	Shipped on Dry Ice

GENE INFORMATION

Gene Name	TNFAIP3 TNF alpha induced protein 3 [Homo sapiens (human)]
Official Symbol	TNFAIP3
Synonyms	TNFAIP3; TNF alpha induced protein 3; A20; AISBL; AIFBL1; OTUD7C; TNFA1P2; tumor necrosis factor alpha-induced protein 3; OTU domain-containing protein 7C; putative DNA-binding protein A20; tumor necrosis factor inducible protein A20; tumor necrosis factor, alpha induced protein 3; zinc finger protein A20; EC 3.4.19.12
Gene ID	7128
mRNA Refseq	NM_006290

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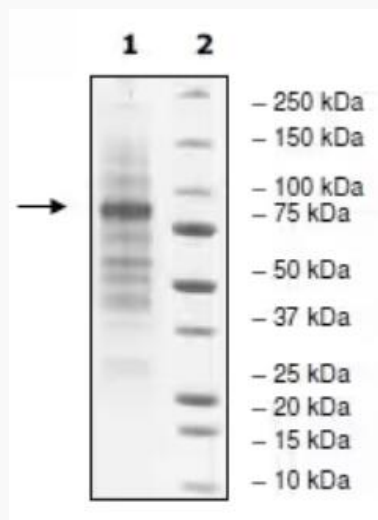
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Protein Refseq NP_006281

MIM 191163

UniProt ID P21580

SDS-PAGE

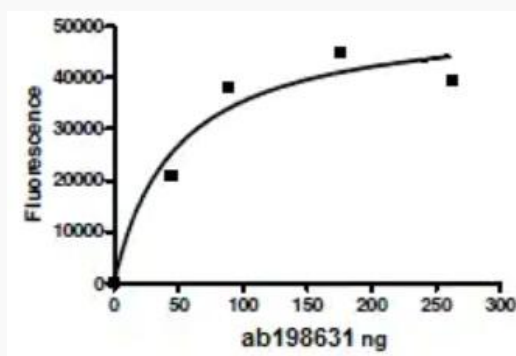


4-20% SDS-PAGE analysis of TNFAIP3 with Coomassie staining

Lane 1: 3 µg TNFAIP3

Lane 2: Protein marker

Functional Studies



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