

# Recombinant Full Length Human TNFAIP3 Protein, C-Flag-tagged

**Cat. No.** TNFAIP3-1013HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human TNFAIP3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	89.4 kDa
<b>AA Sequence</b>	MAEQVLPQALYLSNMRKAVKIRERTPEDIFKPTNGIIHHFKTMHRYTLEMFRTCQFCP QFREIIHKALID RNIQATLESQKKNWCREVRKLVALKTNGDGNCLMHATSQYMWG VQDSDLVLRKALFSTLKETDTRNFKF RWQLESLSKSQEFVETGLCYDTRNWNDEWD NLIKMASTDTPMARSGLQYNSLEEIHIFVLCNILRRPIIVI SDKMLRSLESGSNFAPLKV GGIYLPLHWPAAQECYRYPIVLGYDSSHFFVPLVTLKDSGPEIRAVPLVNRDR GRFEDL

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KVHFLTDPENEMKEKLLKEYLMVIEIPVQGWDHGTTHLINAACLDEANLPKEINLVDD  
 YFELVQ HEYKKWQENSEQGRREGHAQNPMEPSVPQLSLMDVKCETPNCPFFMSV  
 NTQPLCHECSERRQKNQNKLPK LNSKPGPEGLPGMALGASRGEAYEPLAWNPEE  
 STGGPHSAPPTAPSPFLFSETTAMKCRSPGCPFTLNQV HNGFCERCHNARQLHAS  
 HAPDHTRHLDPGKCAQLQDVTRTFNGICSTCFKRTTAEASSSLSTSLPPSCH QRS  
 KSDPSRLVRSPPHSCHRAGNDAPAGCLSQAARTPGDRTGTSKCRKAGCVYFGTP  
 ENKGFCTLCFIE YRENKHFAAASGKVSPTASRFQNTIPCLGRECGTLGSTMFEGYC  
 QKCFIEAQNRFFHEAKRTEEQLRSSQ RRDVPRTTQSTSRPKCARASCKNILACRSE  
 ELCMECQHPNQRMGPGAHRGEPAPEDPPKQRCRAPACDHF  
 GNAKCNGYCNECFQFKQMYGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome
<b>Protein Pathways</b>	NOD-like receptor signaling pathway
<b>Full Length</b>	Full L.

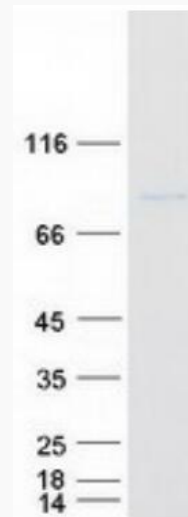
## GENE INFORMATION

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<b>Gene Name</b>	TNFAIP3 TNF alpha induced protein 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TNFAIP3
<b>Synonyms</b>	A20; AISBL; AIFBL1; OTUD7C; TNFA1P2
<b>Gene ID</b>	7128
<b>mRNA Refseq</b>	NM_006290.4
<b>Protein Refseq</b>	NP_006281.1
<b>MIM</b>	191163
<b>UniProt ID</b>	P21580



Coomassie blue staining of purified TNFAIP3 protein.

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