Recombinant Human TNFAIP3 protein, MYC/DDK-tagged

Cat. No. TNFAIP3-159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFAIP3 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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 ubiqitin-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	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	89.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA metho

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GENE INFORMATION

Gene Name	TNFAIP3 tumor necrosis factor, alpha-induced protein 3 [Homo sapiens]
Official Symbol	TNFAIP3
Synonyms	TNFAIP3; tumor necrosis factor, alpha-induced protein 3; tumor necrosis factor alpha-induced protein 3; A20; OTUD7C; TNFAIP3 (A20); zinc finger protein A20; TNF alpha-induced protein 3; OTU domain-containing protein 7C; putative DNA-binding protein A20; tumor necrosis factor inducible protein A20; TNFA1P2; MGC104522; MGC138687; MGC138688;
Gene ID	7128
mRNA Refseq	NM_006290
Protein Refseq	NP_006281
MIM	191163
UniProt ID	P21580
Chromosome Location	6q23-q25
Pathway	CD40/CD40L signaling, organism-specific biosystem; Canonical NF-kappaB pathway, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Measles, organism-specific biosystem; Measles, conserved biosystem; NOD-like receptor signaling pathway, organism-specific biosystem;

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Function	DNA binding; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; cysteine-type peptidase activity; kinase binding; ligase activity; metal ion binding; peptidase activity; protease binding; protein binding; protein self-association; ubiquitin binding; ubiquitin thiolesterase activity; ubiquitin-protein ligase activity; ubiquitin-specific protease activity; ubiquitin-specific protease activity; zinc ion binding;

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