Recombinant Mouse Tnip2 Protein, Myc/DDK-tagged

Cat. No. Tnip2-6561M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length TNFAIP3 interacting protein 2 (cDNA clone MGC:62501 IMAGE:6404610), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Inhibits NF-kappa-B activation by blocking the interaction of RIPK1 with its downstream effector NEMO/IKBKG. Forms a ternary complex with NFKB1 and MAP3K8 but appears to function upstream of MAP3K8 in the TLR4 signaling pathway that regulates MAP3K8 activation. Involved in activation of the MEK/ERK signaling pathway during innate immune response; this function seems to be stimulus- and cell type specific. Required for stability of MAP3K8. Involved in regulation of apoptosis in endothelial cells; promotes TEK agonist-stimulated endothelial survival. May act as transcriptional coactivator when translocated to the nucleus. Enhances CHUK-mediated NF-kappa-B activation involving NF-kappa-B p50-p65 and p50-c-Rel complexes.
Molecular Mass	51.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Tnip2 TNFAIP3 interacting protein 2 [Mus musculus (house mouse)]
Official Symbol	Tnip2
Synonyms	Tnip2; TNFAIP3 interacting protein 2; ABI; ABIN-2; AI428870; 1810020H16Rik; TNFAIP3-interacting protein 2; A20 binding inhibitor of NF-kappaB activation-2; A20-binding inhibitor of NF-kappa-B activation 2
Gene ID	231130
mRNA Refseq	NM_139064
Protein Refseq	NP_620703
UniProt ID	Q99JG7

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