Recombinant Human TIFA 293 Cell Lysate

Cat. No. TIFA-1078HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for TRAF-interacting protein with forkhead-associated domain (TIFA) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	TIFA TRAF-interacting protein with forkhead-associated domain [Homo sapiens]
Official Symbol	TIFA
Synonyms	TIFA; TRAF-interacting protein with forkhead-associated domain; TRAF-interacting protein with FHA domain-containing protein A; MGC20791; T2BP; T6BP; TIFAA; TRAF2 binding protein; TRAF6 binding protein; TRAF2-binding protein; putative MAPK-activating protein PM14; putative NF-kappa-B-activating protein 20; TRAF-interacting protein with a forkhead-associated domain;
Gene ID	92610
mRNA Refseq	NM_052864
Protein Refseq	NP_443096
MIM	609028
UniProt ID	Q96CG3
Chromosome Location	4q25
Pathway	TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;

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