Recombinant Human TRAF4 293 Cell Lysate

Cat. No. TRAF4-820HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for TNF receptor-associated factor 4 (TRAF4) 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	TRAF4 TNF receptor-associated factor 4 [Homo sapiens]
Official Symbol	TRAF4
Synonyms	TRAF4; TNF receptor-associated factor 4; CART1; MLN62; RNF83; MLN 62; malignant 62; RING finger protein 83; metastatic lymph node gene 62 protein; tumor necrosis receptor-associated factor 4A; cysteine-rich domain associated with ring and TRAF domain; cysteine-rich domain associated with RING and Traf domains protein 1;
Gene ID	9618
mRNA Refseq	NM_004295
Protein Refseq	NP_004286
MIM	602464
UniProt ID	Q9BUZ4
Chromosome Location	17q11-q21.3
Pathway	Pathways in cancer, organism-specific biosystem; Small cell lung cancer, organism-specific biosystem; Small cell lung cancer, conserved biosystem; TNF-alpha/NF-kB

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	Signaling Pathway, organism-specific biosystem;

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