Recombinant Human TAB1 293 Cell Lysate

Cat. No. TAB1-1292HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for mitogen-activated protein kinase kinase kinase 7 interacting protein 1 (MAP3K7IP1), transcript variant alpha 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	TAB1 TGF-beta activated kinase 1/MAP3K7 binding protein 1 [Homo sapiens]
Official Symbol	TAB1
Synonyms	TAB1; TGF-beta activated kinase 1/MAP3K7 binding protein 1; MAP3K7IP1, mitogen activated protein kinase kinase kinase 7 interacting protein 1; TGF-beta-activated kinase 1 and MAP3K7-binding protein 1; mitogen activated protein kinase kinase kinase 7 interacting protein 1; TAK1 binding protein 1; TAK1-binding protein 1; transforming growth factor beta-activated kinase-binding protein 1; mitogen-activated protein kinase kinase kinase 7-interacting protein 1; 3-Tab1; MAP3K7IP1; MGC57664;
Gene ID	10454
mRNA Refseq	NM_006116
Protein Refseq	NP_006107
MIM	602615
UniProt ID	Q15750
Chromosome Location	22q13.1

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Pathway	Activated TLR4 signalling, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; IL1-mediated signaling events, organism-specific biosystem; IRAK2 mediated activation of TAK1 complex, organism-specific biosystem; IRAK2 mediated activation of TAK1 complex upon TLR7/8 or 9 stimulation, organism-specific biosystem;

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