

Recombinant Human TAB1 293 Cell Lysate

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

SPECIFICATION

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.
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

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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 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

Pathway Activated TLR4 signalling, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Herpes simplex infection, organism-

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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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