

Recombinant Human TAB2 293 Cell Lysate

Cat. No. TAB2-1291HCL **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 2 (MAP3K7IP2) 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

TAB2 TGF-beta activated kinase 1/MAP3K7 binding protein 2 [Homo sapiens]

Official Symbol

TAB2

Synonyms

TAB2; TGF-beta activated kinase 1/MAP3K7 binding protein 2; MAP3K7IP2, mitogen activated protein kinase kinase kinase 7 interacting protein 2; TGF-beta-activated kinase 1 and MAP3K7-binding protein 2; KIAA0733; TAB-2; TAK1-binding protein 2; TGF-beta-activated kinase 1-binding protein 2; mitogen-activated protein kinase kinase kinase 7-interacting protein 2; CHTD2; MAP3K7IP2; FLJ21885;

Gene ID

23118

mRNA Refseq

NM_015093

Protein Refseq

NP_055908

MIM

605101

UniProt ID

Q9NYJ8

**Chromosome
Location**

6q25.1

Pathway

Activated TLR4 signalling, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Cytokine Signaling in Immune system, organism-

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specific biosystem; Diurnally regulated genes with circadian orthologs, organism-specific biosystem; Downstream TCR signaling, organism-specific biosystem; Epstein-Barr virus infection, organism-specific biosystem; Epstein-Barr virus infection, conserved biosystem;

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