

Recombinant Human MIB1 293 Cell Lysate

Cat. No. MIB1-4324HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for mindbomb homolog 1 (Drosophila) (MIB1) 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

MIB1 mindbomb E3 ubiquitin protein ligase 1 [Homo sapiens]

Official Symbol

MIB1

Synonyms

MIB1; mindbomb E3 ubiquitin protein ligase 1; mindbomb homolog 1 (Drosophila); E3 ubiquitin-protein ligase MIB1; DIP 1; KIAA1323; MIB; ZZANK2; ZZZ6; mindbomb homolog 1; mind bomb homolog 1; DAPK-interacting protein 1; ubiquitin ligase mind bomb; ubiquitin ligase protein MIB1; zinc finger ZZ type with ankyrin repeat domain protein 2; DIP-1; FLJ90676; MGC129659; MGC129660; DKFZp686I0769; DKFZp761M1710;

Gene ID

57534

mRNA Refseq

NM_020774

Protein Refseq

NP_065825

MIM

608677

UniProt ID

Q86YT6

Chromosome Location

18q11.2

Pathway

Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem;

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Notch signaling pathway, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem; Signaling by NOTCH1, organism-specific biosystem;

Function

ligase activity; metal ion binding; ubiquitin-protein ligase activity; zinc ion binding;

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