

Recombinant Human EID1 293 Cell Lysate

Cat. No. EID1-6682HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for EP300 interacting inhibitor of differentiation 1 (EID1) 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 [EID1 EP300 interacting inhibitor of differentiation 1 \[Homo sapiens \]](#)

Official Symbol EID1

Synonyms EID1; EP300 interacting inhibitor of differentiation 1; C15orf3, CREBBP/EP300 inhibitor 1 , CREBBP/EP300 inhibitory protein 1 , CRI1; EP300-interacting inhibitor of differentiation 1; EID 1; CREBBP/EP300 inhibitor 1; 21 kDa pRb-associated protein; NB4 apoptosis related protein; CREBBP/EP300 inhibitory protein 1; Rb- and p300-binding protein EID-1; E1A-like inhibitor of differentiation 1; retinoblastoma protein-associated protein; CRI1; EID-1; RBP21; PTD014; C15orf3; PNAS-22; IRO45620; MGC138883; MGC138884;

Gene ID [23741](#)

mRNA Refseq [NM_014335](#)

Protein Refseq [NP_055150](#)

MIM [605894](#)

UniProt ID [Q9Y6B2](#)

Chromosome Location 15q21.1

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Function

histone acetyltransferase binding; histone acetyltransferase regulator activity; protein binding; transcription corepressor activity;

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