

Recombinant Human ZEB1 293 Cell Lysate

Cat. No. ZEB1-190HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for zinc finger E-box binding homeobox 1 (ZEB1), transcript variant 2 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 [ZEB1 zinc finger E-box binding homeobox 1 \[Homo sapiens \]](#)

Official Symbol [ZEB1](#)

Synonyms [ZEB1](#); zinc finger E-box binding homeobox 1; posterior polymorphous corneal dystrophy 3 , PPCD3, TCF8, transcription factor 8 (represses interleukin 2 expression); zinc finger E-box-binding homeobox 1; AREB6; BZP; NIL 2 A; ZEB; Zfhcp; Zfhx1a; negative regulator of IL2; delta-crystallin enhancer binding factor 1; posterior polymorphous corneal dystrophy 3; zinc finger homeodomain enhancer-binding protein; transcription factor 8 (represses interleukin 2 expression); TCF8; FECD6; NIL2A; PPCD3; ZFHEP; ZFHX1A; DELTAEF1; MGC133261;

Gene ID [6935](#)

mRNA Refseq [NM_001128128](#)

Protein Refseq [NP_001121600](#)

MIM [189909](#)

UniProt ID [P37275](#)

Chromosome Location [10p11.22](#)

Pathway [Hypertrophy Model, organism-specific biosystem](#); [TGF-beta Receptor Signaling Pathway, organism-specific biosystem](#); [Transcriptional misregulation in cancer,](#)

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organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;

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