Recombinant Human ZEB1 293 Cell Lysate

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

SPECIFICATION

Product Overview	
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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	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; Zfhep; 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

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Pathway	Hypertrophy Model, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;

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