Recombinant Human ZEB1 Protein, His-tagged

Cat. No. ZEB1-604H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZEB1 Protein (Tyr904-Ala1124) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr904-Ala1124
Description	This gene encodes a zinc finger transcription factor. The encoded protein likely plays a role in transcriptional repression of interleukin 2. Mutations in this gene have been associated with posterior polymorphous corneal dystrophy-3 and late-onset Fuchs endothelial corneal dystrophy. Alternatively spliced transcript variants encoding different isoforms have been described.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.3 kDa Accurate Molecular Mass: 34 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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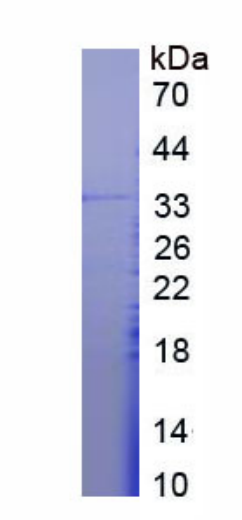
	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	ZEB1 zinc finger E-box binding homeobox 1 [Homo sapiens (human)]
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

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MIM	189909
UniProt ID	P37275



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