

Recombinant Human TLE1 293 Cell Lysate

Cat. No. TLE1-1051HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila) (TLE1) 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

TLE1 transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila) [Homo sapiens]

Official Symbol

TLE1

Synonyms

TLE1; transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila); transducin like enhancer of split 1, homolog of Drosophila E(sp1); transducin-like enhancer protein 1; enhancer of split groucho 1; ESG; ESG1; GRG1; e(Sp1) homolog; enhancer of split groucho-like protein 1; transducin-like enhancer of split 1, homolog of Drosophila E(sp1);

Gene ID

7088

mRNA Refseq

NM_005077

Protein Refseq

NP_005068

MIM

600189

UniProt ID

Q04724

Chromosome Location

9q21.32

Pathway

Delta-Notch Signaling Pathway, organism-specific biosystem; NOTCH1 Intracellular

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Domain Regulates Transcription, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem; Presenilin action in Notch and Wnt signaling, organism-specific biosystem; Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem;

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