

Recombinant Human TLE2 293 Cell Lysate

Cat. No. TLE2-1050HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for transducin-like enhancer of split 2 (E(sp1) homolog, Drosophila) (TLE2), transcript variant 1 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

TLE2 transducin-like enhancer of split 2 (E(sp1) homolog, Drosophila) [Homo sapiens]

Official Symbol

TLE2

Synonyms

TLE2; transducin-like enhancer of split 2 (E(sp1) homolog, Drosophila); transducin like enhancer of split 2, homolog of Drosophila E(sp1); transducin-like enhancer protein 2; enhancer of split groucho 2; ESG; ESG2; FLJ41188; GRG2; enhancer of split groucho-like protein 2; transducin-like enhancer of split 2, homolog of Drosophila E(sp1);

Gene ID

7089

mRNA Refseq

NM_001144761

Protein Refseq

NP_001138233

MIM

601041

UniProt ID

Q04725

Chromosome Location

19p13.3

Pathway

NOTCH1 Intracellular Domain Regulates Transcription, organism-specific biosystem;

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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; Signaling by NOTCH1, organism-specific biosystem;