

Recombinant Human SOX17 293 Cell Lysate

Cat. No. SOX17-1562HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for SRY (sex determining region Y)-box 17 (SOX17) 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

SOX17 SRY (sex determining region Y)-box 17 [Homo sapiens]

Official Symbol

SOX17

Synonyms

SOX17; SRY (sex determining region Y)-box 17; transcription factor SOX-17; SRY-related HMG-box transcription factor SOX17; VUR3; FLJ22252;

Gene ID

64321

mRNA Refseq

NM_022454

Protein Refseq

NP_071899

MIM

610928

UniProt ID

Q9H6I2

Chromosome Location

8q11.23

Pathway

Wnt signaling pathway, organism-specific biosystem; Wnt signaling pathway, conserved biosystem;

Function

beta-catenin binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA

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polymerase II transcription factor activity; transcription coactivator activity;
transcription factor binding; transcription regulatory region DNA binding;

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