

Recombinant Human SOX11 293 Cell Lysate

Cat. No. SOX11-1564HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SRY (sex determining region Y)-box 11 (SOX11) 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

SOX11 SRY (sex determining region Y)-box 11 [Homo sapiens]

Official Symbol

SOX11

Synonyms

SOX11; SRY (sex determining region Y)-box 11; transcription factor SOX-11; SRY related HMG box gene 11; SRY-related HMG-box gene 11; SRY (sex-determining region Y)-box 11;

Gene ID

6664

mRNA Refseq

NM_003108

Protein Refseq

NP_003099

MIM

600898

UniProt ID

P35716

**Chromosome
Location**

2p25

Function

DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II core promoter sequence-specific DNA binding; RNA polymerase II transcription coactivator activity; enhancer sequence-specific DNA binding; nucleic

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acid binding transcription factor activity; transcription regulatory region sequence-specific DNA binding; translation factor activity, nucleic acid binding;

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