

Recombinant Human FOXP1 293 Cell Lysate

Cat. No. FOXP1-6146HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for forkhead box P1 (FOXP1), 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

FOXP1 forkhead box P1 [Homo sapiens]

Official Symbol

FOXP1

Synonyms

FOXP1; forkhead box P1; forkhead box protein P1; 12CC4; fork head related protein like B; glutamine rich factor 1; hFKH1B; HSPC215; PAX5/FOXP1 fusion protein; QRF1; glutamine-rich factor 1; fork head-related protein like B; FLJ23741; MGC12942; MGC88572; MGC99551;

Gene ID

27086

mRNA Refseq

NM_001012505

Protein Refseq

NP_001012523

MIM

605515

UniProt ID

Q9H334

Chromosome Location

3p14.1

Function

DNA binding, bending; chromatin binding; double-stranded DNA binding; metal ion binding; protein heterodimerization activity; protein homodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor

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activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; transcription factor binding; zinc ion binding;

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