

Recombinant Human FOXI1 293 Cell Lysate

Cat. No. FOXI1-6155HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for forkhead box I1 (FOXI1), 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

FOXI1 forkhead box I1 [Homo sapiens]

Official Symbol

FOXI1

Synonyms

FOXI1; forkhead box I1; FKHL10; forkhead box protein I1; FREAC6; forkhead-like 10; HNF-3/fork-head homolog 3; HNF-3/fork-head homolog-3; forkhead-related activator 6; forkhead-related protein FKHL10; forkhead-related transcription factor 6; hepatocyte nuclear factor 3 forkhead homolog 3; HFH3; FKH10; HFH-3; FREAC-6; MGC34197;

Gene ID

2299

mRNA Refseq

NM_012188

Protein Refseq

NP_036320

MIM

601093

UniProt ID

Q12951

**Chromosome
Location**

5q34

Function

DNA binding, bending; DNA binding, bending; double-stranded DNA binding; 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; transcription regulatory region DNA binding;