

Recombinant Human FOXN3 293 Cell Lysate

Cat. No. FOXN3-6150HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for forkhead box N3 (FOXN3), transcript variant 2 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

FOXN3 forkhead box N3 [Homo sapiens]

Official Symbol

FOXN3

Synonyms

FOXN3; forkhead box N3; C14orf116, checkpoint suppressor 1 , CHES1, chromosome 14 open reading frame 116; forkhead box protein N3; checkpoint suppressor 1; CHES1; PRO1635; C14orf116;

Gene ID

1112

mRNA Refseq

NM_001085471

Protein Refseq

NP_001078940

MIM

602628

UniProt ID

O00409

**Chromosome
Location**

14q32.11

Function

DNA binding, bending; double-stranded DNA binding; protein C-terminus binding; protein binding; sequence-specific DNA binding; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; transcription factor binding;

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