

Recombinant Human NR2F1 293 Cell Lysate

Cat. No. NR2F1-3710HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nuclear receptor subfamily 2, group F, member 1 (NR2F1) 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

NR2F1 nuclear receptor subfamily 2, group F, member 1 [Homo sapiens]

Official Symbol

NR2F1

Synonyms

NR2F1; nuclear receptor subfamily 2, group F, member 1; ERBAL3, TFCOUP1; COUP transcription factor 1; COUP TFI; EAR 3; SVP44; TCFCOUP1; COUP-TF1; COUP-TF I; V-erbA-related protein 3; COUP transcription factor I; chicken ovalbumin upstream promoter-transcription factor I; transcription factor COUP 1 (chicken ovalbumin upstream promoter 1, v-erb-a homolog-like 3); EAR3; EAR-3; NR2F2; ERBAL3; TFCOUP1; COUP-TFI;

Gene ID

7025

mRNA Refseq

NM_005654

Protein Refseq

NP_005645

MIM

132890

UniProt ID

P10589

Chromosome Location

5q14

Pathway

Adipogenesis, organism-specific biosystem; Gene Expression, organism-specific

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biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem;

Function

ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; protein binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity; transcription coactivator activity; zinc ion binding;

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