

Recombinant Human E2F4 293 Cell Lysate

Cat. No. E2F4-6741HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for E2F transcription factor 4, p107/p130-binding (E2F4) 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

E2F4 E2F transcription factor 4, p107/p130-binding [Homo sapiens]

Official Symbol

E2F4

Synonyms

E2F4; E2F transcription factor 4, p107/p130-binding; transcription factor E2F4; E2F 4; p107/p130-binding protein; E2F-4;

Gene ID

1874

mRNA Refseq

NM_001950

Protein Refseq

NP_001941

MIM

600659

UniProt ID

Q16254

**Chromosome
Location**

16q21-q22

Pathway

Adipogenesis, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Cyclin D associated events in G1, organism-specific biosystem;

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Function

DNA binding; protein binding; protein domain specific binding; sequence-specific DNA binding transcription factor activity; transcription factor binding;

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