

Recombinant Human POU2F3 293 Cell Lysate

Cat. No. POU2F3-3002HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for POU class 2 homeobox 3 (POU2F3) 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

POU2F3 POU class 2 homeobox 3 [Homo sapiens]

Official Symbol

POU2F3

Synonyms

POU2F3; POU class 2 homeobox 3; POU domain class 2, transcription factor 3; POU domain, class 2, transcription factor 3; Epoc 1; OCT11; PLA 1; Skn 1a; octamer-binding protein 11; transcription factor PLA-1; transcription factor Skn-1; POU domain transcription factor OCT11a; octamer-binding transcription factor 11; PLA1; PLA-1; Epoc-1; OCT-11; OTF-11; Skn-1a; FLJ40063; MGC126698;

Gene ID

25833

mRNA Refseq

NM_014352

Protein Refseq

NP_055167

MIM

607394

UniProt ID

Q9UKI9

**Chromosome
Location**

11q23.3

Pathway

Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;

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Function

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

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