

Recombinant Human YY1 293 Cell Lysate

Cat. No. YY1-228HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for YY1 transcription factor (YY1) 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 YY1 YY1 transcription factor [Homo sapiens]

Official Symbol YY1

Synonyms YY1; YY1 transcription factor; transcriptional repressor protein YY1; DELTA; INO80 complex subunit S; INO80S; NF E1; UCRBP; Yin and Yang 1 protein; YIN YANG 1; YY-1; delta transcription factor; NF-E1; YIN-YANG-1;

Gene ID 7528

mRNA Refseq NM_003403

Protein Refseq NP_003394

MIM 600013

UniProt ID P25490

Chromosome Location 14q

Pathway

Delta-Notch Signaling Pathway, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem; Signaling events mediated by HDAC Class I, organism-specific biosystem; mTOR

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signaling pathway, organism-specific biosystem; p53 pathway, organism-specific biosystem;

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