

Recombinant Human RXRB 293 Cell Lysate

Cat. No. RXRB-2098HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for retinoid X receptor, beta (RXRB) 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

RXRB retinoid X receptor, beta [Homo sapiens]

Official Symbol

RXRB

Synonyms

RXRB; retinoid X receptor, beta; retinoic acid receptor RXR-beta; H 2RIIBP; NR2B2; nuclear receptor subfamily 2 group B member 2; RCoR 1; retinoid X nuclear receptor beta; MHC class I promoter binding protein; DAUDI6; RCoR-1; H-2RIIBP; MGC1831;

Gene ID

6257

mRNA Refseq

NM_021976

Protein Refseq

NP_068811

MIM

180246

UniProt ID

P28702

**Chromosome
Location**

6p21.3

Pathway

Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Non-small cell lung cancer, organism-specific biosystem; Non-small cell lung cancer, conserved

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biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem;

Function

9-cis retinoic acid receptor activity; ligand-activated sequence-specific DNA binding
RNA polymerase II transcription factor activity; ligand-activated sequence-specific
DNA binding RNA polymerase II transcription factor activity; metal ion binding; protein
binding; protein heterodimerization activity; receptor activity; retinoic acid receptor
binding; sequence-specific DNA binding; sequence-specific DNA binding transcription
factor activity; steroid binding; steroid hormone receptor activity; thyroid hormone
receptor binding; thyroid hormone receptor coactivator activity; transcription
coactivator activity; transcription regulatory region DNA binding; vitamin D receptor
binding; zinc ion binding;

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