

Recombinant Human RXRA cell lysate

Cat. No. RXRA-1554HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
ProteinLength	1-462 a.a.
Description	Retinoid X receptors (RXRs) and retinoic acid receptors (RARs), are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors exert their action by binding, as homodimers or heterodimers, to specific sequences in the promoters of target genes and regulating their transcription. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	RXRA retinoid X receptor, alpha [Homo sapiens]
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Official Symbol	RXRA
Synonyms	RXRA; retinoid X receptor, alpha; retinoic acid receptor RXR-alpha; NR2B1; nuclear receptor subfamily 2 group B member 1; retinoid X nuclear receptor alpha; FLJ00280; FLJ00318; FLJ16020; FLJ16733; MGC102720;
Gene ID	6256
mRNA Refseq	NM_002957
Protein Refseq	NP_002948
MIM	180245
UniProt ID	P19793
Chromosome Location	9q34
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; BMAL1:CLOCK/NPAS2 Activates Circadian Expression, organism-specific biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Circadian Clock, organism-specific biosystem;
Function	9-cis retinoic acid receptor activity; DNA binding; double-stranded DNA binding; enzyme binding; 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 activity; retinoic acid-responsive element binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; contributes_to sequence-specific DNA

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binding transcription factor activity; steroid binding; steroid hormone receptor activity; transcription coactivator activity; contributes_to transcription regulatory region DNA binding; vitamin D receptor binding; contributes_to vitamin D response element binding; zinc ion binding;

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