

## Recombinant Human RXRA cell lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-462 a.a.
<b>Description</b>	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.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

**Gene Name**      RXRA retinoid X receptor, alpha [ Homo sapiens ]

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<b>Official Symbol</b>	RXRA
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">6256</a>
<b>mRNA Refseq</b>	<a href="#">NM_002957</a>
<b>Protein Refseq</b>	<a href="#">NP_002948</a>
<b>MIM</b>	<a href="#">180245</a>
<b>UniProt ID</b>	<a href="#">P19793</a>
<b>Chromosome Location</b>	9q34
<b>Pathway</b>	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;
<b>Function</b>	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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