

## Recombinant Human RXRA, GST-tagged

Cat. No. RXRA-119H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GST-tagged Retinoid X receptor alpha ligand-binding domain (RXRA-LBD) consists of a 218 a.a. GST tag, a 13 a.a. flexible linker and a 260 a.a. RXRA-LBD, Acc# AAI10999.1, amino acids 203-462 aa, was expressed in baculovirus-infected insect cells and purified using affinity chromatography.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	203-462 a.a.
<b>Description</b>	Retinoid X receptor alpha (RXR-alpha) is also known as NR2B1 (nuclear receptor subfamily 2, group B, member 1).
<b>Form</b>	50 mM Tris-HCl pH 8.0, 150 mM NaCl, 3 mM DTT, 7mM reduced glutathione, 0.5 mM EDTA, 20% glycerol.
<b>Purity</b>	>90%
<b>Applications</b>	Ligand binding and coactivator peptide recruitment assays.
<b>Storage</b>	Immediately store at -80°C. Avoid freeze-thaw cycles. While working, please keep sample on ice.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">RXRA retinoid X receptor, alpha [ Homo sapiens ]</a>
<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

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acid-responsive element binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; contributes\_to sequence-specific DNA 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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