

Recombinant Human RXRA, GST-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Sf9 Cells
ProteinLength	203-462 a.a.
Description	Retinoid X receptor alpha (RXR-alpha) is also known as NR2B1 (nuclear receptor subfamily 2, group B, member 1).
Form	50 mM Tris-HCl pH 8.0, 150 mM NaCl, 3 mM DTT, 7mM reduced glutathione, 0.5 mM EDTA, 20% glycerol.
Purity	>90%
Applications	Ligand binding and coactivator peptide recruitment assays.
Storage	Immediately store at -80°C. Avoid freeze-thaw cycles. While working, please keep sample on ice.

GENE INFORMATION

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

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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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