

## Recombinant Human RXRG, GST-tagged

**Cat. No.** RXRG-120H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GST-tagged RXR-gamma ligand-binding domain (RXRG-LBD) consists of a 218 a.a. GST tag, a 14 a.a. flexible linker and a 247 a.a. RXRG-LBD, Acc# NP_008848.1, amino acids 217-463, was expressed in baculovirus-infected insect cells and purified using affinity chromatography.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>Description</b>	Retinoid X receptor gamma (RXR-gamma or RXRG) is also known as NR2B3 (nuclear receptor subfamily 2, group B, member 3).
<b>Form</b>	50 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, 3 mM Dithiothreitol, 7 mM reduced glutathione, 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

**Gene Name**                      RXRG retinoid X receptor, gamma [ [Homo sapiens](#) ]

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<b>Official Symbol</b>	RXRG
<b>Synonyms</b>	RXRG; retinoid X receptor, gamma; retinoic acid receptor RXR-gamma; NR2B3; nuclear receptor subfamily 2 group B member 3; RXRC;
<b>Gene ID</b>	6258
<b>mRNA Refseq</b>	NM_001256570
<b>Protein Refseq</b>	NP_001243499
<b>MIM</b>	180247
<b>UniProt ID</b>	P48443
<b>Chromosome Location</b>	1q22-q23
<b>Pathway</b>	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific 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 biosystem;
<b>Function</b>	9-cis retinoic acid receptor activity; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid binding; steroid hormone receptor activity; zinc ion binding;

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