

Recombinant Human RXRG, GST-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Sf9 Cells
Description	Retinoid X receptor gamma (RXR-gamma or RXRG) is also known as NR2B3 (nuclear receptor subfamily 2, group B, member 3).
Form	50 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, 3 mM Dithiothreitol, 7 mM reduced glutathione, 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

Gene Name	RXRG retinoid X receptor, gamma [Homo sapiens]
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Official Symbol	RXRG
Synonyms	RXRG; retinoid X receptor, gamma; retinoic acid receptor RXR-gamma; NR2B3; nuclear receptor subfamily 2 group B member 3; RXRC;
Gene ID	6258
mRNA Refseq	NM_001256570
Protein Refseq	NP_001243499
MIM	180247
UniProt ID	P48443
Chromosome Location	1q22-q23
Pathway	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;
Function	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;