

Recombinant Human RXRB, His-tagged

Cat. No. RXRB-31124TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Retinoid X Receptor beta with His tag expressed in a baculovirus system under the control of a T7 promoter, approximately 57kDa, amino acids 1-533,
Species	Human
ProteinLength	1-533 a.a.
Description	This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the effects of retinoic acid (RA). This receptor forms homodimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. The gene lies within the major histocompatibility complex (MHC) class II region on chromosome 6. An alternatively spliced transcript variant has been described, but its full length sequence has not been determined.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Full Length	Full L.
GENE INFORMATION	
Gene Name	RXRB retinoid X receptor, beta [Homo sapiens]
Official Symbol	RXRB
Synonyms	RXRB; retinoid X receptor, beta; retinoic acid receptor RXR-beta; H 2RIIBP; NR2B2; RCoR 1;
Gene ID	6257
mRNA Refseq	NM_021976
Protein Refseq	NP_068811
MIM	180246
Uniprot ID	P28702
Chromosome Location	6p21.3
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Non-small cell lung cancer, organism-specific biosystem;

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Function

ligand-regulated transcription factor activity; metal ion binding; protein binding; protein heterodimerization activity; receptor activity;

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