

Recombinant Human RXRG protein, His & T7-tagged

Cat. No. RXRG-1081H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RXRG aa. (Pro12~Ala220 (Accession # P48443) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro12~Ala220
Description	This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene is expressed at significantly lower levels in non-small cell lung cancer cells. Alternatively spliced transcript variants have been described.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 9.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	RXRG retinoid X receptor gamma [Homo sapiens (human)]
Official Symbol	RXRG
Synonyms	RXRG; retinoid X receptor gamma; RXRC; NR2B3; retinoic acid receptor RXR-gamma; nuclear receptor subfamily 2 group B member 3
Gene ID	6258
mRNA Refseq	NM_001256571.1

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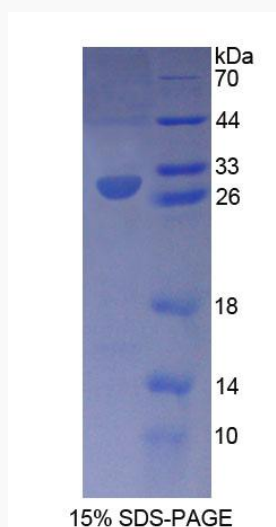
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Protein Refseq NP_001243500.1

UniProt ID P48443

SDS-PAGE



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