

# Recombinant Human RXRG Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** RXRG-3882H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	RXRG MS Standard C13 and N15-labeled recombinant protein (NP_008848) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	50.9 kDa
<b>AA Sequence</b>	MYGNYSHFMKFPAGYGGSPGHTGSTSMSPSAALSTGKPMDSHPSYTDTPVSAPRT LSAVGTPLNALGSPYRVITSAMGPPSGALAAPPGINLVAPPSSQLNVVNSVSSSEDIK PLPLPGIGNMNYPSTSPGSLVKHICAICGDRSSGKHYGVSCEGCKGFFKRTIRKD LIYTCRDNKDCLIDKRQRNRCQYCRYQKCLVMGMKREAVQEERQRSRERAESEAE CATSGHEDMPVERILEAELAVEPKTESYGDMMENSTNDPVTNICHAAADKQLFTLVE WAKRIPHFSDLTLEDQVILLRAGWNELLIASFSHRSVSVQDGILLATGLHVHRSSAHS

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AGVGSIFDRVLTELVSKMKDMQMDKSELGCLRAIVLFNPDAKGLSNPSEVETLREKV  
 YATLEAYTKQKYPEQPGRFAKLLLRLPALRSIGLKCLEHLFFFKLIGDTPIDTFLMEML  
 ETPLQITTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

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

**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\_006917

**Protein Refseq** NP\_008848

**MIM** 180247

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UniProt ID

P48443

SDS-PAGE



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