

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

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

SPECIFICATION

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

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AGVGSIFDRVLTELVS KMMDKMDKSELGCLRAIVLFNPDAKGLSNPSEVETLREKV
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

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