

Recombinant Full Length Human RXRG Protein

Cat. No. RXRG-451HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Retinoid X Receptor gamma with N terminal proprietary tag; Predicted MWt 77.00 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	463 amino acids
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	Liquid
Molecular Mass	77.000kDa inclusive of tags
AA Sequence	MYGNYSHFMKFPAGYGGSPGHTGSTMSPSAALSTGKPMD SHPSYTDTPVSAPR TL SAVGTPLNALGSPYRVITSAMGPP SGALAAPPGINLVAPPSSQLNVVNSVSSSED IKPLPGLPG IGNMNYPSTSPGSLVKHICAICGDRSSGKH YGVYSCEGCK GFFKRTIR KDLIYTCRDNDCLIDKRQRNRCQYCRYQKCL VMGMKREAVQEERQRSRERAESE

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AECATSGHEDMPVERIL EAELAVEPKTESYGDMNMENSTNDPVTNICHAAADKQLFT
 L VEWAKRIPHFSDLTLEDQVILLRAGWNELLIASFSHRSVS VQDGILLATGLHVHRS
 SAHSAGVGSIFDRVLTELVSKMKD MQMDKSELGCLRAIVLFNPDAKGLSNPSEVET
 LREKVYAT LEAYTKQKYPEQPGRFAKLLLRLPALRSIGLKCLEHLFFF KLIGDTPIDTF
 LMEMLETPLQIT

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name RXRG retinoid X receptor, gamma [Homo sapiens]

Official Symbol RXRG

Synonyms RXRG; retinoid X receptor, gamma; retinoic acid receptor RXR-gamma; NR2B3

Gene ID 6258

mRNA Refseq NM_006917

Protein Refseq NP_008848

MIM 180247

UniProt ID P48443

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