

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	MYGNYSHFMKFPAGYGGSPGHTGSTMSPSAALSTGKPMDSHPSTYDTPVSAPR TLSAVGTPLNALGSPYRVITSAMGPPSGALAAPPGINLVAPPSSQLNVVNSVSSSED IKPLPGLPGIGNMNYPSTSPGSLVKHICAICGDRSSGKHVYVYSCEGCKGFFKRTIR KDLIYTCRDNDCLIDKRQRNRCQYCRYQKCLVMGMKREAVQEERQRSRERAESE

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AECATSGHEDMPVERIL EAELAVEPKTESYGDMMNENSTNDPVTNICHAAADKQLFT
 L VEWAKRIPHFDLTLEDQVILLRAGWNELLIASFSHRSVS VQDGILLATGLHVHRS
 SAHSAGVGSIFDRVLTELVSKMKD MQMDKSELGCLRAIVLFNPDAGLSNPSEVET
 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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