

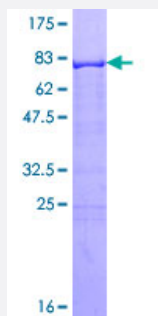
Full-Length

RXRG (Human) Recombinant Protein (P01)

Catalog # H00006258-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human RXRG full-length ORF (NP_008848.1, 1 a.a. - 463 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MYGNYSHFMKFPAGYGGSPGHTGSTSMSPSAALSTGKPMDSHPSTYDTPVSAPRTLSAVGTPLN
ALGSPYRVITSAMGPPSGALAAPPGINLVAPPSSQLNVVNSVSSSEDIKPLPGLPGIGNMNPSTS
PGSLVKHICAICGDRSSGKHVYSGEGCKGFFKRTIRKDLITCRDNKDCLIDKRQRNRCQYCRY
QKCLVMGMKREAVQEERQSRERAESAECATSGHEDMPVERILEAELAVEPKTESYGDMMN
ENSTNDPVTNICAADKQLFTLVEWAKRIPHFSDLTLEDQVILLRAGWNELLIASFSHRSVSVQDGI
LLATGLHVHRSSAHSAGVGSIFDRVLTELVSKMKDMQMDKSELGCLRAVLFPNDAKGLSNPSEV
ETLREKVYATLEAYTKQKYPEQPGRFAKLLRLPALRSIGLKCLEHLFFFKLIGDTPIDTFLMEMLET
PLQIT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RXRG

Entrez GeneID[6258](#)**GeneBank Accession#**[NM_006917.3](#)**Protein Accession#**[NP_008848.1](#)**Gene Name**

RXRG

Gene Alias

NR2B3, RXRC

Gene Description

retinoid X receptor, gamma

Omim ID[180247](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

OTTHUMP00000060418|retinoic acid receptor RXR-gamma|retinoid X receptor-gamma

Pathway

- [Adipocytokine signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)
- [PPAR signaling pathway](#)
- [Small cell lung cancer](#)
- [Thyroid cancer](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [HIV Seropositivity](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)