

Product datasheet for **TP304093**

Retinoid X Receptor gamma (RXRG) (NM_006917) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human retinoid X receptor, gamma (RXRG), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204093 protein sequence Red =Cloning site Green =Tags(s)

MYGNYSHFMKFPAGYGGSPGHTGSTSMSPSAALSTGKPMDSHPSYTDTPVSAPRTL SAVGTPLNALGSP
Y
RVITSAMGPPSGALAAPPGINLVAPPSSQLNVVNSVSSSEDIKPLPGLPGIGNMNYPSTSPGSLVKHICA
ICGDRSSGKHVYSCEGCKGFFKRTIRKDLIYTCRDNKDCLIDKRQRNRCQYCRYQKCLVMGMKREAVQ
EERQRSRERAESAECATSGHEDMPVERILEAE LAVEPKTESYGDMN MENSTNDPVTNICHAAADKQLFTL
VEWAKRIPHFSDLTLEDQVILLRAGWNELLIASFSHRVSVQDGILLATGLHVHRSSAHSAGVGSIFDRV
LTELVSMMKDMQMDKSELGCLRAIVLFNPDAGLSNPSEVETLREKVYATLEAYTKQKYPEQPGRFAKLL
LRLPALRSIGLKCLEHLFFFKLIGDTPIDTFLMEMLETPLQIT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	50.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_008848](#)

Locus ID: 6258

UniProt ID: [P48443](#)

RefSeq Size: 2205

Cytogenetics: 1q23.3

RefSeq ORF: 1389

Synonyms: NR2B3; RXRC

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. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jun 2010]

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways: Adipocytokine signaling pathway, Non-small cell lung cancer, Pathways in cancer, PPAR signaling pathway, Small cell lung cancer, Thyroid cancer

Product images:



Coomassie blue staining of purified RXRG protein (Cat# TP304093). The protein was produced from HEK293T cells transfected with RXRG cDNA clone (Cat# [RC204093]) using MegaTran 2.0 (Cat# [TT210002]).