

Product datasheet for PH304093

Retinoid X Receptor gamma (RXRG) (NM_006917) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RXRG MS Standard C13 and N15-labeled recombinant protein (NP_008848)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204093
Predicted MW:	50.9 kDa
Protein Sequence:	>RC204093 protein sequence Red=Cloning site Green=Tags(s)

MYGNYSHFMKFPAGYGGSPGHTGSTSMSPSAALSTGKPMDSHPSTYDTPVSAPRTL SAVGTPLNALGSPY
RVITSAMGPPSGALAAPPINLVAPPSSQLNVVNSVSSSEDIKPLPGLPGIGNMNYPSTSPGSLVKHICA
ICGDRSSGKHGYSCEGCKGFFKRTIRKDLIYTCRDNKDCIDKRQRNRCQYCRYQKCLVMGMKREAVQ
EERQRSRERAESAECATSGHEDMPVERILEAELAVEPKTESYGDMNMENSTNDPVTNICHAAADKQLFTL
VEWAKRIPHFSDLTLEDQVILLRAGWNELLIASFSHRVSVQDGI LLATGLHVHRSSAHSAGVGSIFDRV
LTELVS KMMDMQDKSELGCLRAIVLFNPDAGLSNPSEVETLREKVYATLEAYTKQKYPEQPGRFKLL
LRLPALRSIGLKCLEHLFFFKLI GDTPIDTFLMEMLETPLQIT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_008848</u>
RefSeq Size:	2205
RefSeq ORF:	1389
Synonyms:	NR2B3; RXRC



[View online »](#)

Locus ID: 6258

UniProt ID: [P48443](#), [F1D8Q7](#)

Cytogenetics: 1q23.3

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]).