

Datasheet for ABIN7551637

**Retinoid X Receptor gamma Protein (AA 1-463) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Retinoid X Receptor gamma (RXRG)
Protein Characteristics:	AA 1-463
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Retinoid X Receptor gamma protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat RXRG Protein expressed in mammalien cells.
Sequence:	MYGNYSHFMK FPAGYGGSPG HTGSTSMSPTS AALSTGKPM D SHPSYTDTPV SAPRTL SAVG TPLNALGSPY RVITSAMGPP SGALAAPPGI NLVAPPSSQL NVVNSVSSSE DIKPLPGLPG IGNMNPSTS PGSLVKHICA ICGDRSSGKH YGVYSCEGCK GFFKRTIRKD LIYTCRDNKD CLIDKRQRNR CQYCRYQKCL VMGMKREAVQ EERQRSRERA ESEAECATSG HEDMPVERIL EAELAVEPKT ESYGDMNMEN STNDPVTNIC HAADKQLFTL VEWAKRIPHF SDLTLEDQVI LLRAGWNELL IASFHRSVS VQDGILLATG LHVHRSSAHS AGVGSIFDRV LTELVS KMKD MQMDKSELGC LRAIVLFNPD AKGLSNPSEV ETLREKVYAT LEAYTKQKYP EQPGRFAKLL LRLPALRSIG LKCLEHLFFF KLIGDTPIDT FLMEMLETPL QIT <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>

## Product Details

---

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

---

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

---

### Grade:

custom-made

## Target Details

---

### Target:

Retinoid X Receptor gamma (RXRG)

---

### Alternative Name:

[RXRG \(RXRG Products\)](#)

---

### Background:

Retinoic acid receptor RXR-gamma (Nuclear receptor subfamily 2 group B member 3) (Retinoid X receptor gamma),FUNCTION: Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. The high affinity ligand for RXRs is 9-cis retinoic acid (By similarity). {ECO:0000250}.

---

### Molecular Weight:

50.9 kDa

---

### UniProt:

[P48443](#)

---

### Pathways:

[Nuclear Receptor Transcription Pathway](#), [Retinoic Acid Receptor Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

## Application Details

---

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

---

Restrictions: For Research Use only

---

## Handling

---

Format: Liquid

---

Buffer: The buffer composition is at the discretion of the manufacturer.

---

Handling Advice: Avoid repeated freeze-thaw cycles.

---

Storage: -80 °C

---

Storage Comment: Store at -80°C.

---

Expiry Date: 12 months

---