

Recombinant Mouse Rxrg Protein, Myc/DDK-tagged

Cat. No. Rxrg-5660M Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Purified recombinant protein of mouse full-length retinoid X receptor gamma (Rxrg), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | 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. |
| Molecular Mass | 50.9 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 µg/mL as determined by microplate BCA method |

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Rxrg retinoid X receptor gamma [*Mus musculus* (house mouse)]

Official Symbol Rxrg

Synonyms RXRG; retinoid X receptor gamma; retinoic acid receptor RXR-gamma; nuclear receptor subfamily 2 group B member 3; Nr2b3

Gene ID 20183

mRNA Refseq NM_001159731

Protein Refseq NP_001153203

UniProt ID P28705

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