

Recombinant Mouse Rxrg Protein, Myc/DDK-tagged

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

SPECIFICATION

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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