

Recombinant Human RXRA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RXRA-4137H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RXRA MS Standard C13 and N15-labeled recombinant protein (NP_002948) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	1-462 a.a.
Description	Retinoid X receptors (RXRs) and retinoic acid receptors (RARs) are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors function as transcription factors by binding as homodimers or heterodimers to specific sequences in the promoters of target genes. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. Alternative splicing of this gene results in multiple transcript variants.
Molecular Mass	50.6 kDa
AA Sequence	MDTKHFLPLDFSTQVNSSLTSPTGRGSM AAPSLHPSLGP GIGSPGQLHSP ISTLSSPI NGMGPPFSVISSPMGPHSMSVPTTPTLGFSTGSPQLSSPMNPVSSSEDIKPPLGLN GVLKVP AHPSGN MASFTKHICAICGDRSSGKH YGVYSCEGCKGFFKRTVRKDLTYT CRDNKDCLIDKRQRNRCQYCRYQKCLAMGMKREAVQEERQRGKDRNENEVESTS SANEDMPVERILEAELAVEPKTETYVEANMGLNPSSPNDPVTNICQAADKQLFTLVE

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WAKRIPHFSELPLDDQVILLRAGWNELIASFSHRISIAVKDGILLATGLHVHRNSAHSAGVGAIFDRVLTELVSKMRDMQMDKTELGLCLRAIVLFPDPSKGLSNPAEVEALREKVYASLEAYCKHKHYPEQPGRFAKLLLRLPALRSIGLKCLEHLFFFKLIGDTPIDTFLMEMLEAPHQMTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RXRA retinoid X receptor alpha [Homo sapiens (human)]

Official Symbol RXRA

Synonyms RXRA; retinoid X receptor, alpha; retinoic acid receptor RXR-alpha; NR2B1; nuclear receptor subfamily 2 group B member 1; retinoid X nuclear receptor alpha; FLJ00280; FLJ00318; FLJ16020; FLJ16733; MGC102720;

Gene ID 6256

mRNA Refseq NM_002957

Protein Refseq NP_002948

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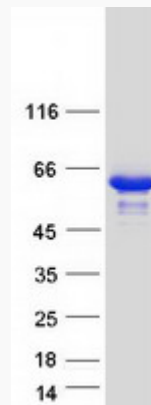
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MIM 180245

UniProt ID P19793

SDS-PAGE



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