

Recombinant Full Length Human RXRA Protein, C-Flag-tagged

Cat. No. RXRA-654HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RXRA Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.6 kDa
AA Sequence	MDTKHFLPLDFSTQVNSSLTSP TGRGSM AAPSLHPSLGP GIGSPGQLHSP ISTLSSPI NGMGPPF SVISS PMGPHSMSVPTTPTLG FSTGSPQLSSPMNPVSSSEDIKPPLGLN GVLKVP AHPSGNMA SFTKHICAICGD RSSGKHYGVYSCEGCKGFFKRTVRKDLTYT CRDNKDCLIDKRQRNRCQYCRYQKCLAMGMKREAVQEERQ RGKDRNENEVESTS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SANEDMPVERILEAE LAVEPKTETYVEANMGLNPSSPNDPVTNICQAADKQLFTLV E
WAKRIPHFSELPLDDQVILLRAGWNELLIASFSHRSIAVKDGILLATGLHVHRNSAHS
GVGAIFDRVL TELVSKMRDMQMDKTELGCLRAIVLFNPDSKGLSNPAEVEALREKV
YASLEAYCKHKYPEQPGRFAKLLL
RLPALRSIGLKCLEHLFFFKLIGDTPIDTFLMEMLEAPHQMTTRTRPLEQKLISEEDLA
ANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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
Full Length	Full L.

GENE INFORMATION

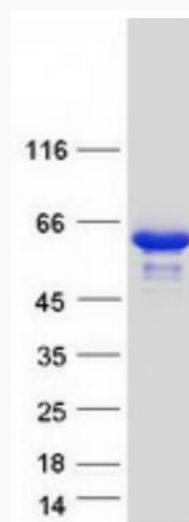
Gene Name	RXRA retinoid X receptor alpha [Homo sapiens (human)]
Official Symbol	RXRA

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Synonyms	NR2B1; RXRalpha; RXR-alpha
Gene ID	6256
mRNA Refseq	NM_002957.6
Protein Refseq	NP_002948.1
MIM	180245
UniProt ID	P19793



Coomassie blue staining of purified RXRA protein.