Recombinant Human RXRA

Cat. No. RXRA-28521TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 111-228 of Human Retinoid X Receptor alpha protein.
Species	Human
Source	E.coli
ProteinLength	111-228 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 exert their action by binding, as homodimers or heterodimers, to specific sequences in the promoters of target genes and regulating their transcription. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators.
Tissue specificity	Highly expressed in liver, also found in lung, kidney and heart.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 0.1M Sodium chloride, 5mM Beta mercaptoethanol, 20mM Tris HCl, pH 7.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MLGLNGVLKV PAHPSGNMAS FTKHICAICG DRSSGKHYGVYSCEGCKGFF KRTVRKDLTY TCRDNKDCLI DKRQRNRCQYCRYQKCLAMG MKREAVQEER QRGKDRNENE VESTSSANE
Sequence Similarities	Belongs to the nuclear hormone receptor family. NR2 subfamily.Contains 1 nuclear receptor DNA-binding domain.

GENE INFORMATION

Gene Name	RXRA retinoid X receptor, alpha [Homo sapiens]
Official Symbol	RXRA
Synonyms	RXRA; retinoid X receptor, alpha; retinoic acid receptor RXR-alpha; NR2B1;
Gene ID	6256
mRNA Refseq	NM_002957
Protein Refseq	NP_002948
MIM	180245
Uniprot ID	P19793
Chromosome Location	9q34
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem;

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	Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem;
Function	DNA binding; double-stranded DNA binding; enzyme binding; ligand-regulated transcription factor activity; metal ion binding;

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