9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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RXRA Human

Retinoid X Receptor Alpha Human Recombinant
RCP1944

Product Overview

Name	RXRA Human
Description	
Retinoid X Receptor Alpha Human Recombinant	
Accession (Primary)	P19793
Synonyms	
Retinoic acid receptor RXR-alpha, Retinoid X receptor alpha, Nuclear receptor subfamily 2 group B member 1, RXRA, NR2B1, FLJ00280, FLJ00318, FLJ16020, FLJ16733, MGC102720, RXR Alpha, RXR-a.	
Introduction	
The retinoid X receptor (RXR) is a pleiotropic nuclear receptor transcription factor that interacts with a variety of nuclear receptor dimeric partner. RXR binds cognate response elements as a homodimer in the presence of its ligand, 9-cis retinoic acid, or as a heterodimer with other members of the nuclear hormone receptor superfamily including retinoic acid receptors (RAR), thyroid hormone receptors (TR), vitamin D receptors and peroxisome proliferators-activated receptors (PPAR). The RXR family includes three different isoforms; RXR a, b, g . Human RXR a gene is localized on 9q34.9 and encodes two major isoforms (RXR a1, RXR a2). The DNA binding domain of RXR (111-228aa) was purified by using conventional column chromatography techniques.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The protein (1mg/ml) containing 20mM Tris-HCl pH7.5, 0.1M NaCl and 5mM ?-Mercaptoethanol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MLGLNGVLKV PAHPSGNMAS FTKHICAICG DRSSGKHYGV YSCEGCKGFF KRTVRKDLTY TCRDNKDCLI	

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DKRQRNRCQY CRYQKCLAMG MKREAVQEER QRGKDRNENE VESTSSANE.

Precautions

RXRA Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P19793)