

## RXRA

### Recombinant Human Retinoid X Receptor alpha

<b>Catalog No.</b>	CRR111A CRR111B CRR111C	<b>Quantity:</b>	10 µg 50 µg 1 mg
<b>Alternate Names:</b>	NR2B1		
<b>Gene ID:</b>	6256		
<b>Description:</b>	Recombinant human RXRA is a single, non-glycosylated polypeptide chain containing 119 amino acids. The DNA binding domain of RXR (aa 111-228) was purified by using conventional column chromatography techniques. The retinoid X receptor (RXR) is a pleiotropic nuclear receptor transcription factor that interacts with a variety of nuclear receptor dimeric partners. 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 difference isoforms; RXR A, B, and G. Human RXRA gene is localized on 9q34.9 and encodes two major isoforms(RXRA1 and RXRA2).		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	13.6 kDa		
<b>Formulation:</b>	Sterile filtered liquid in 20 mM Tris-HCl, pH 7.5 + 0.1 M NaCl + 5 mM β-mercaptoethanol		
<b>Purity:</b>	> 95% as determined by RP-HPLC and SDS-PAGE analyses		
<b>Endotoxin Level:</b>	< 0.1 ng/µg of RXRA		
<b>Amino Acid Sequence:</b>	MLGLNGVLKV PAHPSGNMAS FTKHICAICGDRSSGKH YGV YSCEGCKGFF KRTVRKDLTY TCRDNKDCLI DKRQRNRCQY CRYQKCLAMG MKREAVQEER QRGKDRNENE VESTSSANE		
<b>Storage &amp; Stability:</b>	Stable for 4 weeks at 2-4°C or in working aliquots at -20°C for longer storage. Add a carrier protein (0.1% HSA or BSA) as a stabilizer for long term storage. <b>Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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