

RXR-alpha recombinant protein

RXR-alpha (Retinoid x receptor),111-228aa, Human, E Coli

CATALOG # AAA48449	HOST E Coli	APPLICATIONS SDS-Page
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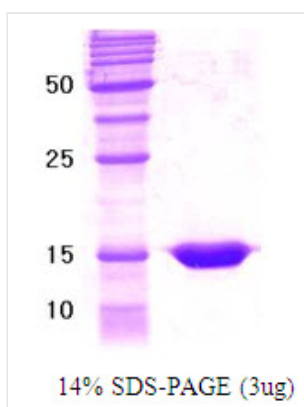
PRODUCT SYNONYMS

RXR-alpha; RXR-alpha (Retinoid x receptor); 111-228aa; Human; E Coli; Retinoid X receptor alpha; RXRA; NR2B1; Retinoid x receptor; Nuclear receptor subfamily 2 group B member 1; Retinoic acid receptor RXR-alpha; FLJ16020; FLJ16733; MGC102720; Retinoic acid receptor RXR alpha; RXR alpha1; RXRalpha1; RXRA1; RXR-alpha recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl pH7.5, 0.1M NaCl, 5mM beta-Mercaptoethanol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MLGLNGVLKV PAHPSGNMAS FTKHICAICG DRSSGKHYGV YSCEGCKGFF KRTVRKDLTY TCRDNKDCLI DKRQRNRCQY CRYQKCLAMG MKREAVQEER QRGKDRNENE VESTSSANE
Sequence Length	462
Applicable Applications for RXR-alpha recombinant protein	SDS-PAGE
Antigen Species	Human
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RXR-alpha recombinant protein	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 difference isoforms ; RXR alpha, beta, gamma. Human RXR alpha gene is localized on 9q34.9 and encodes two major isoforms (RXR alpha1, RXR alpha2). The DNA binding domain of RXR (111-228aa) was over expressed in E Coli and purified by using conventional column chromatography techniques.
Product Categories/Family for RXR-alpha recombinant protein	Cell Cycle
References	Si J., et al. (2002) Blood, 100 (13);4401-9.; Zeng M., et al. (2002) J. Biol. Chem. 277 (47):45611-8.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506755
NCBI GeneID	6256
NCBI Accession #	NP_002948
NCBI GenBank Nucleotide #	NM_002957.5
UniProt Accession #	P19793; Q2NL52; Q2V504; B3KY83
Molecular Weight	13.6 kDa (119 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	retinoic acid receptor RXR-alpha isoform a
NCBI Official Synonym Full Names	retinoid X receptor alpha
NCBI Official Symbol	RXRA
NCBI Official Synonym Symbols	NR2B1
NCBI Protein Information	retinoic acid receptor RXR-alpha
UniProt Protein Name	Retinoic acid receptor RXR-alpha
UniProt Gene Name	RXRA
UniProt Synonym Gene Names	NR2B1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rxra-recombinant-protein-e-coli-sds-page/48449>