Retinoic Acid Receptor RXR-Alpha-B (rxrab) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Retinoic acid receptor RXR-alpha-B (rxrab), Recombinant Protein
Full Product Name	Recombinant Danio rerio Retinoic acid receptor RXR-alpha-B (rxrab)
Product Gene Name	rxrab recombinant protein
Product Synonym Gene Name	rxrab
Sequence	MPVPEQKQTV QLSSPMNAVS SSEDIKPPLG LNGVMKVPAH RIGTLSLSLT KHICAICGDR SSGKHYGVYS CEGCKGFFKR TVRKDLTYTC RDNKDCMIDK RQRNRCQYCR YQKCLAMGMK REAVQEERQR AKERSEAEFG GCANEDMPVE KILEAELAVE PKTETYVEAN LSPSANSPND PVTNICQAAD KQLFTLVEWA KRIPHFSDLP LDDQVILLRA GWNELLIASF SHRSIAVKDG ILLATGLHVH RNSAHTAGVG AIFDRVLTEL VSKMRDMQMD KTELGCLRAI VLFNPDSKGL SNPSEVEALR ERVYASLEAY CKHKYPDQPG RFAKLLLRLP ALRSIGLKCL EHLFFFKLIG DTPIDTFLME MLEAPHQIT
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	42,556 Da
Sequence Positions	1-379, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q90415
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rxrab recombinant protein	MBS1329011 is a recombinant protein targeting rxrab. Also known as Recombinant Danio rerio Retinoic acid receptor RXR-alpha-B (rxrab). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rxrab recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for rxrab. It may not necessarily be applicable to this product.

NCBI GI #	18859345
NCBI GeneID	793011
NCBI Accession #	NP_571228.1
UniProt Primary Accession #	Q90415

UniProt Related Accession #	Q90415
GenBank Nucleotide #	NM_131153.1
NCBI Official Full Name	retinoic acid receptor RXR-alpha-B
NCBI Official Synonym Full Names	retinoid x receptor, alpha b
NCBI Official Symbol	rxrab
NCBI Official Synonym Symbols	rxr; rxra; rxrg; etID309731.5
UniProt Protein Name	Retinoic acid receptor RXR-alpha-B
UniProt Synonym Protein Names	Nuclear receptor subfamily 2 group B member 1-B; Retinoid X receptor alpha-B
Protein Family	Retinoic acid receptor
UniProt Gene Name	rxrab
UniProt Synonym Gene Names	nr2b1b; rxra; rxrg
NCBI Protein Information	retinoic acid receptor RXR-alpha-B
UniProt Comments for rxrab	Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The rar/rxr heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. The high affinity ligand for this rxr is 9-cis retinoic acid ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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