Resistin-Like Alpha (RETNLA) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Resistin-like alpha (Retnla), Recombinant Protein
Full Product Name	Recombinant Rat Resistin-like alpha (Retnla)
Product Gene Name	Retnla recombinant protein
Product Synonym Gene Name	Retnla
Sequence	DGTLDIIGKK KVKELLAHQD NYPSAVRKTL SCTNVKSMSK WASCPAGMTA TGCSCGFACG SWEIQNENIC NCLCLIVDWA YARCCQLS
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	12,076 Da
Sequence Positions	24-111, 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 Q99P85
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Retnla recombinant protein	MBS1471625 is a recombinant protein targeting Retnla. Also known as Recombinant Rat Resistin-like alpha (Retnla). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Retnla 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 Retnla. It may not necessarily be applicable to this product.

NCBI GI #	16758042
NCBI GeneID	81712
NCBI Accession #	NP_445785.1
UniProt Primary Accession #	Q99P85
UniProt Related Accession #	Q99P85
GenBank Nucleotide #	NM_053333.1

NCBI Official Full Name	resistin-like alpha
NCBI Official Synonym Full Names	resistin like alpha
NCBI Official Symbol	Retnla
NCBI Official Synonym Symbols	Himf
UniProt Protein Name	Resistin-like alpha
UniProt Synonym Protein Names	Cysteine-rich secreted protein FIZZ1; RELMalpha
Protein Family	Resistin
UniProt Gene Name	Retnla
UniProt Synonym Gene Names	Fizz1
NCBI Protein Information	resistin-like alpha
NCBI Summary for Retnla	may act as a hormone [RGD, Feb 2006]
UniProt Comments for Retnla	Probable hormone. Plays a role in pulmonary vascular remodeling ().
Research Articles on Retnla	**1.** RELMalpha augments inflammatory activity by increasing inflammatory cytokine release.
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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