Quinone Oxidoreductase-Like Protein 1 (CRYZL1) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Quinone oxidoreductase-like protein 1 (CRYZL1), Recombinant Protein
Full Product Name	Recombinant Bovine Quinone oxidoreductase-like protein 1 (CRYZL1)
Product Gene Name	CRYZL1 recombinant protein
Product Synonym Gene Name	CRYZL1
Sequence	MKGLYFQQSS TNEEITFVFQ ERENLPVTED NYVKLQVKAC ALSQINTKLL AEMKMEKEFF PVGREVAGIV LDVGSKVSFF QPDDEVVGIL PLDSEDPGLC EAVRVHEHYL VHKPEKVTWT EAAGTIRDGL RVYTALHYLS HLSPGKSVLI MDGASALGTI AIQLAHHRGA KVISTACSLE DKQFLERFRP PIARVIDVSN GKAHVAESCL EETGGLGVDI VLDAGVRLYS KDDEPAEKLQ LLPHKHDIIT LLGVGGHWVT TEENLQLDPP DSHCLFLKGA AVAFLNDEVW NLSNVQQGKY LCILKDVMEK LSTGVFRPQL DEPIPLYEAK VTMEVVQKNQ GRKKQVVQF
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	38,812 Da
Sequence Positions	1-349, 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 Q59A28
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CRYZL1 recombinant protein	This gene encodes a protein that has sequence similarity to zeta crystallin, also known as quinone oxidoreductase. This zeta crystallin-like protein also contains an NAD(P)H binding site. Alternatively spliced transcript variants have been observed but their full-length nature has not been completely determined.
Other Notes	Small volumes of CRYZL1 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.
Searchable Terms for CRYZL1 purchase	MBS1332824 is a recombinant protein targeting CRYZL1. Also known as Recombinant Bovine Quinone oxidoreductase-like protein 1 (CRYZL1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CRYZL1. It may not necessarily be applicable to this product.

NCBI GI #	164420764
NCBI GeneID	506426

NCBI Accession #	NP_001030209.2
UniProt Primary Accession #	Q59A28
UniProt Related Accession #	Q59A28
GenBank Nucleotide #	NM_001035037.3
NCBI Official Full Name	quinone oxidoreductase-like protein 1
NCBI Official Synonym Full Names	crystallin zeta like 1
NCBI Official Symbol	CRYZL1
UniProt Protein Name	Quinone oxidoreductase-like protein 1
UniProt Synonym Protein Names	Quinone oxidoreductase homolog 1; QOH-1; Zeta-crystallin homolog
Protein Family	Quinone oxidoreductase-like protein
UniProt Gene Name	CRYZL1
UniProt Synonym Gene Names	QOH-1
NCBI Protein Information	quinone oxidoreductase-like protein 1
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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