60s Ribosomal Protein L38 (RPL38) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	60S ribosomal protein L38 (RPL38), Recombinant Protein
Full Product Name	Recombinant Bovine 60S ribosomal protein L38 (RPL38)
Product Gene Name	RPL38 recombinant protein
Product Synonym Gene Name	RPL38
Sequence	PRKIEEIKDF LLTARRKDAK SVKIKKNKDN VKFKVRCSRY LYTLVITDKE KAEKLKQSLP PGLAVKELK
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	8,218 Da
Sequence Positions	2-70, 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 Q32PB9
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RPL38 recombinant protein	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L38E family of ribosomal proteins. It is located in the cytoplasm. Alternative splice variants have been identified, both encoding the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome, including one located in the promoter region of the type 1 angiotensin II receptor gene.
Other Notes	Small volumes of RPL38 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 RPL38 purchase	MBS1350220 is a recombinant protein targeting RPL38. Also known as Recombinant Bovine 60S ribosomal protein L38 (RPL38). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPL38. It may not necessarily be applicable to this product.

NCBI GI #	164518986
NCBI GeneID	615300
NCBI Accession #	NP_001106780.1

UniProt Primary Accession #	Q32PB9
UniProt Secondary Accession #	A6QLN0
UniProt Related Accession #	Q32PB9
GenBank Nucleotide #	NM_001113309.2
NCBI Official Full Name	60S ribosomal protein L38
NCBI Official Symbol	RPL38
UniProt Protein Name	60S ribosomal protein L38
Protein Family	60S ribosomal protein
UniProt Gene Name	RPL38
NCBI Protein Information	60S ribosomal protein L38
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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