40s Ribosomal Protein S11 (RPS11) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	40S ribosomal protein S11 (RPS11), Recombinant Protein
Full Product Name	Recombinant Bovine 40S ribosomal protein S11 (RPS11)
Product Gene Name	RPS11 recombinant protein
Product Synonym Gene Name	RPS11
Sequence	ADIQTERAYQ KQPTIFQNKK RVLLGETGKE KLPRYYKNIG LGFKTPKEAI EGTYIDKKCP FTGNVSIRGR ILSGVVTKMK MQRTIVIRRD YLHYIRKYNR FEKRHKNMSV HLSPCFRDVQ IGDIVTVGEC RPLSKTVRFN VLKVTKAAGT KKQFQKF
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	18,431 Da
Sequence Positions	2-158, 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 Q3T0V4
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RPS11 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 40S subunit. The protein belongs to the S17P family of ribosomal proteins. It is located in the cytoplasm. The gene product of the E. coli ortholog (ribosomal protein S17) is thought to be involved in the recognition of termination codons. This gene is co-transcribed with a small nucleolar RNA gene, which is located in its third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Other Notes	Small volumes of RPS11 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 RPS11 purchase	MBS1458375 is a recombinant protein targeting RPS11. Also known as Recombinant Bovine 40S ribosomal protein S11 (RPS11). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPS11. It may not necessarily be applicable to this product.

NCBI GI #	66792924

NCBI GeneID	539196
NCBI Accession #	NP_001019739.1
UniProt Primary Accession #	Q3T0V4
UniProt Secondary Accession #	Q56JW5
UniProt Related Accession #	Q3T0V4
GenBank Nucleotide #	NM_001024568.2
NCBI Official Full Name	40S ribosomal protein S11
NCBI Official Synonym Full Names	ribosomal protein S11
NCBI Official Symbol	RPS11
UniProt Protein Name	40S ribosomal protein S11
Protein Family	30S ribosomal protein
UniProt Gene Name	RPS11
NCBI Protein Information	40S ribosomal protein S11
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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