# 60s Ribosomal Protein L27 (RPL27) Dog Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | 60S ribosomal protein L27 (RPL27), Recombinant Protein |
| **Full Product Name** | Recombinant Dog 60S ribosomal protein L27 (RPL27) |
| **Product Gene Name** | RPL27 recombinant protein |
| **Product Synonym Gene Name** | RPL27 |
| **Sequence** | MGKFMKPGKV VLVLAGRYSG RKAVIVKNID DGTSDRPYSH ALVAGIDRYP RKVTAAMGKK KIAKRSKIKS FVKVYNYNHL MPTRYSVDIP LDKTVVNKDV FRDPALKRKA RREAKVKFEE KYKTGKNKWF FQKLRF |
| **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** | 15,770 Da |
| **Sequence Positions** | 1-136, 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 Q9XSU7 |
| **Species** | Canis familiaris (Dog) (Canis lupus familiaris) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for RPL27 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 L27E family of ribosomal proteins. It is located in the cytoplasm. 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 RPL27 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 RPL27 purchase** | MBS1438646 is a recombinant protein targeting RPL27. Also known as Recombinant Dog 60S ribosomal protein L27 (RPL27). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPL27. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 354622964 |
| **NCBI GeneID** | 403688 |
| **NCBI Accession #** | NP_001003102.2 |

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| **UniProt Primary Accession #** | Q9XSU7 |
| **UniProt Related Accession #** | Q9XSU7 |
| **GenBank Nucleotide #** | NM_001003102.2 |
| **NCBI Official Full Name** | 60S ribosomal protein L27 |
| **NCBI Official Symbol** | RPL27 |
| **UniProt Protein Name** | 60S ribosomal protein L27 |
| **Protein Family** | 54S ribosomal protein |
| **UniProt Gene Name** | RPL27 |
| **NCBI Protein Information** | 60S ribosomal protein L27 |
| **UniProt Comments for RPL27** | Component of the large ribosomal subunit (). Required for proper rRNA processing and maturation of 28S and 5.8S rRNAs (). |
| **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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