Ubiquitin-60s Ribosomal Protein L40 (RPL40A) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin-60S ribosomal protein L40 (RPL40A), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Ubiquitin-60S ribosomal protein L40 (RPL40A)
Product Gene Name	RPL40A recombinant protein
Product Synonym Gene Name	RPL40A; UBI1; YIL148W
Product Synonym Names	Ubiquitin-60S ribosomal protein L40Cleaved into the following 2 chains:; 1. Ubiquitin; 2. 60S ribosomal protein L40; CEP52
Sequence	MQIFVKTLTG KTITLEVESS DTIDNVKSKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG
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	14,554 Da
Sequence Positions	1-76
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 P0CH08
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RPL40A recombinant protein	MBS1262018 is a recombinant protein targeting RPL40A. Also known as Recombinant Saccharomyces cerevisiae Ubiquitin-60S ribosomal protein L40 (RPL40A). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RPL40A 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 RPL40A. It may not necessarily be applicable to this product.

NCBI GI #	6322043
NCBI GeneID	854658
NCBI Accession #	NP_012118.1
UniProt Primary Accession #	P0CH08

UniProt Secondary Accession #	P04838; P14796; P61864; Q6LA96; D6VVD9
UniProt Related Accession #	P0CH09
GenBank Nucleotide #	NM_001179496.1
NCBI Official Full Name	ubiquitin-ribosomal 60S subunit protein L40A fusion protein
NCBI Official Symbol	RPL40A
NCBI Official Synonym Symbols	CEP52A; UB11; UBI1
UniProt Protein Name	Ubiquitin-60S ribosomal protein L40
UniProt Synonym Protein Names	CEP52
Protein Family	Ubiquitin-60S ribosomal protein
UniProt Gene Name	RPL40A
UniProt Synonym Gene Names	UBI1
UniProt Entry Name	RL401_YEAST
NCBI Protein Information	ubiquitin-ribosomal 60S subunit protein L40A fusion protein
UniProt Comments for RPL40A	Ubiquitin: exists either covalently attached to another protein, or free (unanchored). When covalently bound, it is conjugated to target proteins via an isopeptide bond either as a monomer (monoubiquitin), a polymer linked via different Lys residues of the ubiquitin (polyubiquitin chains) or a linear polymer linked via the initiator Met of the ubiquitin (linear polyubiquitin chains). Polyubiquitin chains, when attached to a target protein, have different functions depending on the Lys residue of the ubiquitin that is linked: Lys-6-linked may be involved in DNA repair; Lys-11-linked is involved in ERAD (endoplasmic reticulum-associated degradation) and in cell-cycle regulation; Lys-29-linked is involved in lysosomal degradation; Lys-33-linked is involved in kinase modification; Lys-48-linked is involved in protein degradation via the proteasome; Lys-63-linked is involved in endocytosis, and DNA-damage responses. Linear polymer chains formed via attachment by the initiator Met lead to cell signaling. Ubiquitin is usually conjugated to Lys residues of target proteins, however, in rare cases, conjugation to Cys or Ser residues has been observed. When polyubiquitin is free (unanchored-polyubiquitin), it also has distinct roles, such as in activation of protein kinases, and in signaling ().
Research Articles on RPL40A	**1.** Data indicte that the deletion of either RPL40A or RPL40B results in a mild growth defect.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/ubiquitin-60s-ribosomal-protein-l40-rpl40a/1262018