# RPL34 Lysate – Tissue Lysate

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | RPL34, Lysate |
| **Full Product Name** | Human RPL34 Protein Lysate |
| **Product Gene Name** | RPL34 lysate |
| **Product Synonym Names** | RPL34; L34; L34 |
| **Host** | Human |
| **Form/Format** | Lyophilized |
| **Preparation and Storage** | Store at -20 degree C<br>Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles. |
| **Molecular Weight** | 15.7 kDa (140aa) |
| **3D Structure** | ModBase 3D Structure for P49207 |
| **Related Product Information for RPL34 lysate** | Human RPL34 Protein Lysate 20ug is provided as a Lyophilized powder.<br>This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer. |
| **Other Notes** | Small volumes of RPL34 lysate 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 RPL34 purchase** | MBS8418796 is a lysate targeting RPL34. Also known as Human RPL34 Protein Lysate. Host: Human. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPL34. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 16117789 |
| **NCBI GeneID** | 6164 |
| **NCBI Accession #** | NP_296374 |
| **UniProt Primary Accession #** | P49207 |
| **UniProt Secondary Accession #** | Q6FG66; Q9BUZ2 |
| **UniProt Related Accession #** | P49207 |
| **GenBank Nucleotide #** | NM_033625 |
| **NCBI Official Full Name** | 60S ribosomal protein L34 |
| **NCBI Official Synonym Full Names** | ribosomal protein L34 |
| **NCBI Official Symbol** | RPL34 |
| **NCBI Official Synonym Symbols** | L34 |
| **UniProt Protein Name** | 60S ribosomal protein L34 |
| **Protein Family** | 50S ribosomal protein |
| **UniProt Gene Name** | RPL34 |

| | |
|---|---|
| **UniProt Entry Name** | RL34_HUMAN |
| **NCBI Protein Information** | 60S ribosomal protein L34 |
| **NCBI Summary for RPL34** | 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 L34E family of ribosomal proteins. It is located in the cytoplasm. This gene originally was thought to be located at 17q21, but it has been mapped to 4q. Overexpression of this gene has been observed in some cancer cells. Alternative splicing results in multiple transcript variants, all encoding the same isoform. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Feb 2016] |
| **UniProt Comments for RPL34** | RPL34: a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L34E family of ribosomal proteins. It is located in the cytoplasm. This gene originally was thought to be located at 17q21, but it has been mapped to 4q. Transcript variants derived from alternative splicing, alternative transcription initiation sites, and/or alternative polyadenylation exist; these variants encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]<br><br>Protein type: Translation; Ribosomal<br><br>Chromosomal Location of Human Ortholog: 4q25<br><br>Cellular Component: cytoplasm; nucleolus; cytosol<br><br>Molecular Function: structural constituent of ribosome; RNA binding<br><br>Biological Process: SRP-dependent cotranslational protein targeting to membrane; translational elongation; cellular protein metabolic process; viral reproduction; translation; mRNA catabolic process, nonsense-mediated decay; translational initiation; viral transcription; gene expression; translational termination; viral infectious cycle |
| **Research Articles on RPL34** | **1.** RPL34 plays a critical role in cell proliferation, cell cycle distribution and apoptosis of human malignant gastric cells. |
| **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.<br><br>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/lysate/rpl34/8418796