RPL3 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	RPL3, Lysate
Full Product Name	Human RPL3 Protein Lysate
Product Gene Name	RPL3 lysate
Product Synonym Names	RPL3; ASC-1; L3; TARBP-B
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	40kDa
3D Structure	ModBase 3D Structure for B3KS36
Related Product Information for RPL3 lysate	Human RPL3 Protein Lysate 20ug is provided as a Lyophilized powder. 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 RPL3 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 RPL3 purchase	MBS8418805 is a lysate targeting RPL3. Also known as Human RPL3 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPL3. It may not necessarily be applicable to this product.

NCBI GI #	76496472
NCBI GeneID	6122
NCBI Accession #	NP_001029025
UniProt Primary Accession #	B3KS36
UniProt Related Accession #	P39023
GenBank Nucleotide #	NM_001033853
NCBI Official Full Name	60S ribosomal protein L3 isoform b
NCBI Official Synonym Full Names	ribosomal protein L3
NCBI Official Symbol	RPL3
NCBI Official Synonym Symbols	L3; ASC-1; TARBP-B
Protein Family	50S ribosomal protein
NCBI Protein Information	60S ribosomal protein L3

NCBI Summary for RPL3	Ribosomes, the complexes 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 L3P family of ribosomal proteins and it is located in the cytoplasm. The protein can bind to the HIV-1 TAR mRNA, and it has been suggested that the protein contributes to tat-mediated transactivation. This gene is co-transcribed with several small nucleolar RNA genes, which are located in several of this gene's introns. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. 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]
Research Articles on RPL3	**1.** The sensitivity of p53 null colon cancer cells to 5-FU can be enhanced using proapoptotic rpL3 gene.
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