RPL37 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	RPL37, Blocking Peptide
Full Product Name	RPL37 Peptide - middle region
Product Gene Name	RPL37 blocking peptide
Product Synonym Gene Name	DKFZp686G1699; MGC99572; L37
Sequence	PAKRKRKYNW SAKAKRRNTT GTGRMRHLKI VYRRFRHGFR EGTTPKPKRA
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	RPL37 peptide (MBS3240299) is used for blocking the activity of RPL37 antibody (MBS3215395)
Molecular Weight	11kDa
OMIM	604181
Product Categories/Family for RPL37 blocking peptide	Peptide
Applications Tested/Suitable for RPL37 blocking peptide	Western Blot (WB)
Related Product Information for RPL37 blocking peptide	This is a synthetic peptide designed for use in combination with anti-RPL37 Antibody, made Target Description: 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 L37E family of ribosomal proteins. It is located in the cytoplasm. The protein contains a C2C2-type zinc finger-like motif. 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 RPL37 blocking peptide 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 RPL37 purchase	MBS3240299 is a blocking peptide targeting RPL37. Also known as RPL37 Peptide - middle region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPL37. It may not necessarily be applicable to this product.

NCBI GI #	4506641
NCBI GeneID	6167
NCBI Accession #	NP_000988
UniProt Primary Accession #	P61927
UniProt Related Accession #	P61927

GenBank Nucleotide #	NM_000997
NCBI Official Full Name	60S ribosomal protein L37
NCBI Official Synonym Full Names	ribosomal protein L37
NCBI Official Symbol	RPL37
NCBI Official Synonym Symbols	L37
UniProt Protein Name	60S ribosomal protein L37
UniProt Synonym Protein Names	G1.16
Protein Family	60S ribosomal protein
UniProt Gene Name	RPL37
UniProt Entry Name	RL37_HUMAN
NCBI Protein Information	60S ribosomal protein L37
NCBI Summary for RPL37	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 L37E family of ribosomal proteins. It is located in the cytoplasm. The protein contains a C2C2-type zinc finger-like motif. 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]
UniProt Comments for RPL37	Function: Binds to the 23S rRNA By similarity. Cofactor: Binds 1 zinc ion per subunit By similarity. Sequence similarities: Belongs to the ribosomal protein L37e family.
Research Articles on RPL37	**1.** RPL37, RPS15 and RPS20 regulate the Mdm2-p53-MdmX network but employ different mechanisms to do so.
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