RPP38 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	RPP38, Blocking Peptide
Full Product Name	RPP38 Peptide - C-terminal region
Product Gene Name	RPP38 blocking peptide
Product Synonym Gene Name	RPP38;
Sequence	Synthetic peptide located within the following region: AIIPRVPSLS VPWLQDRIED SGENLETEPL ESQDRELLDT SFEDLSKPKR
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	RPP38 peptide (MBS3235446) is used for blocking the activity of RPP38 antibody (MBS3210491)
Molecular Weight	31kDa
OMIM	606116
Product Categories/Family for RPP38 blocking peptide	Peptide
Applications Tested/Suitable for RPP38 blocking peptide	Western Blot (WB)
Related Product Information for RPP38 blocking peptide	This is a synthetic peptide designed for use in combination with anti-RPP38 Antibody, made Target Description: RPP38 is a component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. RPP38 may associate transiently with RNase P RNA as a factor involved in the transport of H1 RNA to the putative site of its assembly in the cell, the nucleolus.
Other Notes	Small volumes of RPP38 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 RPP38 purchase	MBS3235446 is a blocking peptide targeting RPP38. Also known as RPP38 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPP38. It may not necessarily be applicable to this product.

NCBI GI #	578818217
NCBI GeneID	10557
NCBI Accession #	XP_006717427
UniProt Primary Accession #	P78345
UniProt Related Accession #	P78345
GenBank Nucleotide #	XM_006717364.4
NCBI Official Full Name	ribonuclease P protein subunit p38 isoform X1

NCBI Official Synonym Full Names	ribonuclease P/MRP subunit p38
NCBI Official Symbol	RPP38
UniProt Protein Name	Ribonuclease P protein subunit p38
Protein Family	Ribonuclease P protein
UniProt Gene Name	RPP38
UniProt Synonym Gene Names	RNaseP protein p38
UniProt Entry Name	RPP38_HUMAN
NCBI Protein Information	ribonuclease P protein subunit p38
Research Articles on RPP38	**1.** A pull-down assay further suggested the presence of a second K-turn in SL12. Based on the present results, together with available data, we discuss a structural basis for recognition of K-turn motifs in PhopRNA by PhoRpp38.
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