POP5 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	POP5, Blocking Peptide
Full Product Name	POP5 Peptide - middle region
Product Gene Name	POP5 blocking peptide
Product Synonym Gene Name	HSPC004; RPP2; RPP20; hPop5
Sequence	IRTCQKFLIQ YNRRQLLILL QNCTDEGERE AIQKSVTRSC LLEEEEESGE
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	POP5 peptide (MBS3237935) is used for blocking the activity of POP5 antibody (MBS3212990)
Molecular Weight	19kDa
OMIM	609992
Product Categories/Family for POP5 blocking peptide	Peptide
Applications Tested/Suitable for POP5 blocking peptide	Western Blot (WB)
Related Product Information for POP5 blocking peptide	This is a synthetic peptide designed for use in combination with anti-POP5 Antibody, made Target Description: POP5 is a component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends.POP5 is also a component of RNase MRP.
Other Notes	Small volumes of POP5 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 POP5 purchase	MBS3237935 is a blocking peptide targeting POP5. Also known as POP5 Peptide - middle region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for POP5. It may not necessarily be applicable to this product.

NCBI GI #	20270249
NCBI GeneID	51367
NCBI Accession #	NP_057002
UniProt Primary Accession #	Q969H6
UniProt Related Accession #	Q969H6
GenBank Nucleotide #	NM_015918
NCBI Official Full Name	ribonuclease P/MRP protein subunit POP5 isoform a
NCBI Official Synonym Full Names	POP5 homolog, ribonuclease P/MRP subunit

NCBI Official Symbol	POP5
NCBI Official Synonym Symbols	RPP2; RPP20; hPop5; HSPC004
UniProt Protein Name	Ribonuclease P/MRP protein subunit POP5
Protein Family	Probable ribonuclease P/MRP protein
UniProt Gene Name	POP5
UniProt Synonym Gene Names	AD-008; HSPC004; x0003; hPop5
UniProt Entry Name	POP5_HUMAN
NCBI Protein Information	ribonuclease P/MRP protein subunit POP5
Research Articles on POP5	**1.** archaeal homologs of the human RNase P proteins Pop5 and Rpp30
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/human-blocking-peptide/pop5/3237935