SNRPA1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	SNRPA1, Blocking Peptide
Full Product Name	SNRPA1 Peptide
Product Gene Name	SNRPA1 blocking peptide
Product Synonym Gene Name	Lea1
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	SNRPA1 peptide (MBS3230196) is used for blocking the activity of SNRPA1 antibody (MBS3205231)
Molecular Weight	28kDa
OMIM	603521
Product Categories/Family for SNRPA1 blocking peptide	Peptide
Applications Tested/Suitable for SNRPA1 blocking peptide	Western Blot (WB)
Related Product Information for SNRPA1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-SNRPA1 antibody made Target Description: SNRPA1 contains 3 LRR (leucine-rich) repeats and belongs to the U2 small nuclear ribonucleoprotein A family. It is associated with sn-RNP U2 and helps the A' protein to bind stem loop IV of U2 snRNA.
Other Notes	Small volumes of SNRPA1 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 SNRPA1 purchase	MBS3230196 is a blocking peptide targeting SNRPA1. Also known as SNRPA1 Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SNRPA1. It may not necessarily be applicable to this product.

NCBI GI #	50593002
NCBI GeneID	6627
NCBI Accession #	NP_003081
UniProt Primary Accession #	P09661
UniProt Related Accession #	P09661
GenBank Nucleotide #	NM_003090
NCBI Official Full Name	U2 small nuclear ribonucleoprotein A'
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein polypeptide A'
NCBI Official Symbol	SNRPA1

NCBI Official Synonym Symbols	Lea1; U2A'
UniProt Protein Name	U2 small nuclear ribonucleoprotein A'
UniProt Gene Name	SNRPA1
UniProt Synonym Gene Names	U2 snRNP A'
UniProt Entry Name	RU2A_HUMAN
NCBI Protein Information	U2 small nuclear ribonucleoprotein A'
UniProt Comments for SNRPA1	snRNP A': This protein is associated with sn-RNP U2. It helps the A' protein to bind stem loop IV of U2 snRNA. Belongs to the U2 small nuclear ribonucleoprotein A family. Protein type: Spliceosome; RNA splicing; RNA-binding Chromosomal Location of Human Ortholog: 15q26.3 Cellular Component: nucleoplasm; small nuclear ribonucleoprotein complex; spliceosome; snRNP U2 Molecular Function: protein binding Biological Process: nuclear mRNA splicing, via spliceosome; RNA splicing; gene expression
Research Articles on SNRPA1	**1.** Data suggest that SNRPA1, SNRPD1, and PNN are key players in the regulation of pluripotency-specific spliceosome assembly and the acquisition and maintenance of pluripotency.
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