

PRPF8 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21455b

Specification**PRPF8 Blocking Peptide (C-term) - Product Information**Primary Accession [Q6P2Q9](#)**PRPF8 Blocking Peptide (C-term) - Additional Information**

Gene ID 10594

Other Names

Pre-mRNA-processing-splicing factor 8, 220 kDa U5 snRNP-specific protein, PRP8 homolog, Splicing factor Prp8, p220, PRPF8, PRPC8

Target/Specificity

The synthetic peptide sequence is selected from aa 2239-2253 of HUMAN PRPF8

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PRPF8 Blocking Peptide (C-term) - Protein Information

Name PRPF8

Synonyms PRPC8

Function

Plays role in pre-mRNA splicing as core component of precatalytic, catalytic and

PRPF8 Blocking Peptide (C-term) - Background

Functions as a scaffold that mediates the ordered assembly of spliceosomal proteins and snRNAs. Required for the assembly of the U4/U6-U5 tri-snRNP complex. Functions as scaffold that positions spliceosomal U2, U5 and U6 snRNAs at splice sites on pre-mRNA substrates, so that splicing can occur. Interacts with both the 5' and the 3' splice site.

PRPF8 Blocking Peptide (C-term) - References

Luo H.R., et al. RNA 5:893-908(1999).
Shimada Y., et al. Submitted (SEP-1997) to the EMBL/GenBank/DDBJ databases.
Bienvenut W.V., et al. Submitted (DEC-2008) to UniProtKB.
Anderson G.J., et al. Nature 342:819-821(1989).
Bach M., et al. Proc. Natl. Acad. Sci. U.S.A. 86:6038-6042(1989).

postcatalytic spliceosomal complexes, both of the predominant U2-type spliceosome and the minor U12-type spliceosome (PubMed:<a href="http://www.uniprot.org/citations/10411133"

target="_blank">10411133 ,

PubMed:<a href="http://www.uniprot.org/citations/11971955"

target="_blank">11971955 ,

PubMed:<a href="http://www.uniprot.org/citations/28502770"

target="_blank">28502770 ,

PubMed:<a href="http://www.uniprot.org/citations/28781166"

target="_blank">28781166 ,

PubMed:<a href="http://www.uniprot.org/citations/28076346"

target="_blank">28076346 ,

PubMed:<a href="http://www.uniprot.org/citations/29361316"

target="_blank">29361316 ,

PubMed:<a href="http://www.uniprot.org/citations/30315277"

target="_blank">30315277 ,

PubMed:<a href="http://www.uniprot.org/citations/29360106"

target="_blank">29360106 ,

PubMed:<a href="http://www.uniprot.org/citations/29301961"

target="_blank">29301961 ,

PubMed:<a href="http://www.uniprot.org/citations/30728453"

target="_blank">30728453 ,

PubMed:<a href="http://www.uniprot.org/citations/30705154"

target="_blank">30705154).

Functions as a scaffold that mediates the ordered assembly of spliceosomal proteins and snRNAs. Required for the assembly of the U4/U6-U5 tri-snRNP complex, a building block of the spliceosome. Functions as scaffold that positions spliceosomal U2, U5 and U6 snRNAs at splice sites on pre-mRNA substrates, so that splicing can occur. Interacts with both the 5' and the 3' splice site.

Cellular Location

Nucleus. Nucleus speckle

Tissue Location

Widely expressed..

PRPF8 Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)