

PRPF8 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP21455b**Specification**

PRPF8 Blocking Peptide (C-term) - Product InformationPrimary 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 a role in pre-mRNA splicing as core component of precatalytic, catalytic and postcatalytic spliceosomal complexes, both of the predominant U2-type spliceosome and the minor U12-type spliceosome (PubMed: [10411133](http://www.uniprot.org/citations/10411133) target="_blank">10411133, PubMed: [11971955](http://www.uniprot.org/citations/11971955) target="_blank">11971955, PubMed: [28076346](http://www.uniprot.org/citations/28076346) target="_blank">28076346, PubMed: [28502770](http://www.uniprot.org/citations/28502770) target="_blank">28502770, PubMed: [28781166](http://www.uniprot.org/citations/28781166) target="_blank">28781166, PubMed: [29301961](http://www.uniprot.org/citations/29301961) target="_blank">29301961, PubMed: [29360106](http://www.uniprot.org/citations/29360106) target="_blank">29360106, PubMed: [29361316](http://www.uniprot.org/citations/29361316) target="_blank">29361316, PubMed: [30315277](http://www.uniprot.org/citations/30315277) target="_blank">30315277, PubMed: [30705154](http://www.uniprot.org/citations/30705154)

target="_blank">30705154, PubMed:30728453). 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 a 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](#)

PRPF8 Blocking Peptide (C-term) - Images**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.
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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).