

ZRSR2 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20436b

Specification

ZRSR2 Blocking Peptide (C-term) - Product Information

Primary Accession

[Q15696](#)**ZRSR2 Blocking Peptide (C-term) - Additional Information**

Gene ID 8233

Other Names

U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2, CCCH type zinc finger, RNA-binding motif and serine/arginine rich protein 2, Renal carcinoma antigen NY-REN-20, U2(RNU2) small nuclear RNA auxiliary factor 1-like 2, U2AF35-related protein, URP, ZRSR2, U2AF1-RS2, U2AF1L2, U2AF1RS2, URP

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.

ZRSR2 Blocking Peptide (C-term) - Protein Information

Name ZRSR2

Synonyms U2AF1-RS2, U2AF1L2, U2AF1RS2, URP

Function

Pre-mRNA-binding protein required for splicing of both U2- and U12-type introns. Selectively interacts with the 3'-splice site of U2- and U12-type pre-mRNAs and promotes different steps in U2 and U12 intron splicing. Recruited to U12 pre-mRNAs in an ATP-dependent manner and is required for assembly of the prespliceosome, a precursor to other spliceosomal complexes. For U2-type introns, it is selectively and specifically required for the second step of splicing.

Cellular Location

Nucleus.

Tissue Location

Widely expressed..

ZRSR2 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

ZRSR2 Blocking Peptide (C-term) - Images

ZRSR2 Blocking Peptide (C-term) - Background

Pre-mRNA-binding protein required for splicing of both U2-and U12-type introns. Selectively interacts with the 3'-splice site of U2-and U12-type pre-mRNAs and promotes different steps in U2 and U12 intron splicing. Recruited to U12 pre-mRNAs in an ATP-dependent manner and is required for assembly of the prespliceosome, a precursor to other spliceosomal complexes. For U2-type introns, it is selectively and specifically required for the second step of splicing.

ZRSR2 Blocking Peptide (C-term) - References

Kitagawa K., et al. Genomics 30:257-263(1995).
Ross M.T., et al. Nature 434:325-337(2005).
Tronchere H., et al. Nature 388:397-400(1997).
Scanlan M.J., et al. Int. J. Cancer 83:456-464(1999).
Will C.L., et al. RNA 10:929-941(2004).