

(DANRE) srrt Blocking Peptide (C-Term)
Synthetic peptide
Catalog # BP21599b

Specification

(DANRE) srrt Blocking Peptide (C-Term) - Product Information

Primary Accession [Q66I22](#)

(DANRE) srrt Blocking Peptide (C-Term) - Additional Information

Gene ID 192311

Other Names

Serrate RNA effector molecule homolog, Arsenite-resistance protein 2, srrt, ars2

Target/Specificity

The synthetic peptide sequence is selected from aa 878-890 of HUMAN srrt

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.

(DANRE) srrt Blocking Peptide (C-Term) - Protein Information

Name srrt

Synonyms ars2

Function

Acts as a mediator between the cap-binding complex (CBC) and the primary microRNAs (miRNAs) processing machinery during cell proliferation. Contributes to the stability and delivery of capped primary miRNA transcripts to the primary miRNA processing complex, thereby playing a role in RNA-mediated gene silencing (RNAi) by miRNAs (By similarity). Independently of its activity on miRNAs, necessary and sufficient to promote neural stem cell self-renewal. Does so by directly binding SOX2 promoter and positively regulating its transcription (By similarity).

Cellular Location

Nucleus, nucleoplasm. Cytoplasm. Note=Predominantly nuclear. Shuttles between the nucleus and the cytoplasm (By similarity).

(DANRE) srrt Blocking Peptide (C-Term) - Protocols

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

- [Blocking Peptides](#)

(DANRE) srrt Blocking Peptide (C-Term) - Images**(DANRE) srrt Blocking Peptide (C-Term) - Background**

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(DANRE) srrt Blocking Peptide (C-Term) - References

Golling G.,et al.Nat. Genet. 31:135-140(2002).
Howe K.,et al.Nature 496:498-503(2013).