

BRUNOL5 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18320c**Specification**

BRUNOL5 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q8N6W0](#)

BRUNOL5 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 60680

Other Names

CUGBP Elav-like family member 5, CELF-5, Bruno-like protein 5, CUG-BP- and ETR-3-like factor 5, RNA-binding protein BRUNOL-5, CELF5, BRUNOL5

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.

BRUNOL5 Antibody (Center) Blocking Peptide - Protein Information

Name CELF5

Synonyms BRUNOL5

Function

RNA-binding protein implicated in the regulation of pre-mRNA alternative splicing. Mediates exon inclusion and/or exclusion in pre- mRNA that are subject to tissue-specific and developmentally regulated alternative splicing. Specifically activates exon 5 inclusion of cardiac isoforms of TNNT2 during heart remodeling at the juvenile to adult transition. Binds to muscle-specific splicing enhancer (MSE) intronic sites flanking the alternative exon 5 of TNNT2 pre-mRNA.

Cellular Location

Nucleus. Cytoplasm.

Tissue Location

Expressed in brain..

BRUNOL5 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BRUNOL5 Antibody (Center) Blocking Peptide - Images

BRUNOL5 Antibody (Center) Blocking Peptide - Background

Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. Alternatively spliced transcript variants have been identified in this gene.

BRUNOL5 Antibody (Center) Blocking Peptide - References

Ladd, A.N., et al. Mol. Cell. Biol. 21(4):1285-1296(2001)
Good, P.J., et al. J. Biol. Chem. 275(37):28583-28592(2000)