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TNRC4 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP13087a

Specification

TNRC4 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q5SZQ8

TNRC4 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 11189

Other Names
CUGBP Elav-like family member 3, CELF-3, Bruno-like protein 1, CAG repeat protein 4, CUG-BP- and ETR-3-like factor 3, ELAV-type RNA-binding protein 1, ETR-1, Expanded repeat domain protein CAG/CTG 4, RNA-binding protein BRUNOL-1, Trinucleotide repeat-containing gene 4 protein, CELF3, BRUNOL1, CAGH4, ERDA4, TNRC4

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.

TNRC4 Antibody (N-term) Blocking peptide - Protein Information

Name CELF3

Synonyms BRUNOL1, CAGH4, ERDA4, TNRC4

Function
RNA-binding protein involved 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. Activates the splicing of MAPT/Tau exon 10. 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..

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TNRC4 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

TNRC4 Antibody (N-term) Blocking peptide - Images

TNRC4 Antibody (N-term) Blocking peptide - Background

Members of the CELF/BRUNOL protein family contain twoN-terminal RNA recognition motif (RRM) domains, one C-terminal RRMdomain, and a divergent segment of 160-230 aa between the secondand third RRM domains. Members of this protein family regulatepre-mRNA alternative splicing and may also be involved in mRNAediting, and translation. Multiple alternatively spliced transcriptvariants encoding different isoforms have been identified in thisgene.

TNRC4 Antibody (N-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Chapple, J.P., et al. Hum. Mol. Genet. 16(22):2760-2769(2007)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)