

C19orf29 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP5411a**Specification**

C19orf29 Blocking Peptide (N-term) - Product Information

Primary Accession [O8WUO7](#)
Other Accession [O9CS00](#), [NP_067054.1](#)

C19orf29 Blocking Peptide (N-term) - Additional Information

Gene ID 58509

Other Names

Cactin, Renal carcinoma antigen NY-REN-24, CACTIN, C19orf29

Target/Specificity

The synthetic peptide sequence is selected from aa 227-240 of HUMAN CACTIN

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.

C19orf29 Blocking Peptide (N-term) - Protein Information

Name CACTIN

Synonyms C19orf29

Function

Plays a role in pre-mRNA splicing by facilitating excision of a subset of introns (PubMed:28062851). Required for the splicing of CDCA5/Sororin, a regulator of sister chromatid cohesion (PubMed:28062851). Involved in the regulation of innate immune response (PubMed:20829348). Acts as a negative regulator of Toll-like receptor, interferon-regulatory factor (IRF) and canonical NF-kappa-B signaling pathways (PubMed:20829348, PubMed:26363554). Contributes to the regulation of transcriptional activation of NF-kappa-B target genes in response to endogenous pro-inflammatory stimuli (PubMed:20829348, PubMed:20829348).

href="http://www.uniprot.org/citations/26363554" target="_blank">26363554).

Cellular Location

Nucleus. Cytoplasm, cytosol. Note=Nuclear localization with a speckled expression pattern in some cells. Colocalizes with NFKBIL1 in the nucleus.

C19orf29 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

C19orf29 Blocking Peptide (N-term) - Images**C19orf29 Blocking Peptide (N-term) - References**

Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)
Sogayar, M.C., et al. Genome Res. 14(7):1413-1423(2004)
Grimwood, J., et al. Nature 428(6982):529-535(2004)
Lehner, B., et al. Genomics 83(1):153-167(2004)
Jurica, M.S., et al. RNA 8(4):426-439(2002)
Scanlan, M.J., et al. Int. J. Cancer 83(4):456-464(1999)