

TFIP11 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20105a**Specification**

TFIP11 Blocking Peptide (N-term) - Product Information

Primary Accession [O9UBB9](#)
Other Accession [A1XD95](#), [NP_036275.1](#)

TFIP11 Blocking Peptide (N-term) - Additional Information

Gene ID 24144

Other Names

Tuftelin-interacting protein 11, Septin and tuftelin-interacting protein 1, STIP-1, TFIP11, STIP

Target/Specificity

The synthetic peptide sequence is selected from aa 57-70 of HUMAN TFIP11

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.

TFIP11 Blocking Peptide (N-term) - Protein Information

Name TFIP11

Synonyms STIP

Function

Involved in pre-mRNA splicing, specifically in spliceosome disassembly during late-stage splicing events. Intron turnover seems to proceed through reactions in two lariat-intron associated complexes termed Intron Large (IL) and Intron Small (IS). In cooperation with DHX15 seems to mediate the transition of the U2, U5 and U6 snRNP- containing IL complex to the snRNP-free IS complex leading to efficient debranching and turnover of excised introns. May play a role in the differentiation of ameloblasts and odontoblasts or in the forming of the enamel extracellular matrix.

Cellular Location

Cytoplasm. Nucleus. Note=In the nucleus localizes to unique speckle domains in close proximity to nuclear speckles and not identical to paraspeckles

TFIP11 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

TFIP11 Blocking Peptide (N-term) - Images

TFIP11 Blocking Peptide (N-term) - Background

TFIP11 is a nuclear speckle-localized protein that may play a role in spliceosome disassembly in Cajal bodies (Stanek et al., 2008 [PubMed 18367544]).

TFIP11 Blocking Peptide (N-term) - References

Saus, E., et al. J Psychiatr Res (2010) In press :
Tannukit, S., et al. Biochem. Biophys. Res. Commun. 390(3):1044-1050(2009)
Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) :
Stanek, D., et al. Mol. Biol. Cell 19(6):2534-2543(2008)
Patir, A., et al. Caries Res. 42(5):394-400(2008)