

FUZ Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP5403a**Specification**

FUZ Blocking Peptide (N-term) - Product Information

Primary Accession [Q9BT04](#)
Other Accession [NP_079405.2](#), [NP_001165408.1](#)

FUZ Blocking Peptide (N-term) - Additional Information

Gene ID 80199

Other Names

Protein fuzzy homolog, FUZ, FY

Target/Specificity

The synthetic peptide sequence is selected from aa 115-129 of HUMAN FUZ

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.

FUZ Blocking Peptide (N-term) - Protein Information

Name FUZ

Synonyms FY

Function

Probable planar cell polarity effector involved in cilium biogenesis. May regulate protein and membrane transport to the cilium. Proposed to function as core component of the CPLANE (ciliogenesis and planar polarity effectors) complex involved in the recruitment of peripheral IFT-A proteins to basal bodies. May regulate the morphogenesis of hair follicles which depends on functional primary cilia. Binds phosphatidylinositol 3-phosphate with highest affinity, followed by phosphatidylinositol 4-phosphate and phosphatidylinositol 5-phosphate (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q2HZX7}. Cytoplasm, cytoskeleton
{ECO:0000250|UniProtKB:Q2HZX7}. Cytoplasm, cytoskeleton, cilium basal body
{ECO:0000250|UniProtKB:Q3UYI6}

FUZ Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

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

Park, T.J., et al. Nat. Genet. 38(3):303-311(2006)