

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

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**FUZ Blocking Peptide (N-term) - Product Information**Primary Accession [O9BT04](#)  
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)