

C14orf179 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP5370c**Specification**

C14orf179 Blocking Peptide (Center) - Product Information

Primary Accession [O96FT9](#)
Other Accession [O9DA69](#), [Q2TBN9](#), [NP_001096034.1](#),
[NP_443105.2](#)

C14orf179 Blocking Peptide (Center) - Additional Information

Gene ID 112752

Other Names

Intraflagellar transport protein 43 homolog, IFT43, C14orf179

Target/Specificity

The synthetic peptide sequence is selected from aa 160-171 of HUMAN IFT43

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.

C14orf179 Blocking Peptide (Center) - Protein Information

Name IFT43 ([HGNC:29669](#))

Synonyms C14orf179

Function

As a component of IFT complex A (IFT-A), a complex required for retrograde ciliary transport and entry into cilia of G protein- coupled receptors (GPCRs), it is involved in ciliogenesis (PubMed:28400947, PubMed:28973684). Involved in retrograde ciliary transport along microtubules from the ciliary tip to the base (PubMed:21378380).

Cellular Location

Cytoplasm, cytoskeleton. Cell projection, cilium Note=Associated with microtubules (PubMed:22361696). Localized at the distal tip of the cilium (PubMed:28973684)

Tissue Location

Expressed in the retina, predominantly in the photoreceptor outer segment.

C14orf179 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

C14orf179 Blocking Peptide (Center) - Images**C14orf179 Blocking Peptide (Center) - References**

Levy, D., et al. BMC Med. Genet. 8 SUPPL 1, S3 (2007) :
Heilig, R., et al. Nature 421(6923):601-607(2003)