

IQCA1 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP12008B**Specification**

IQCA1 Blocking Peptide (C-term) - Product Information

Primary Accession [Q86XH1](#)
Other Accession [NP_079002.3](#)

IQCA1 Blocking Peptide (C-term) - Additional Information

Gene ID 79781

Other Names

IQ and AAA domain-containing protein 1, IQCA1, IQCA

Target/Specificity

The synthetic peptide sequence is selected from aa 809-822 of HUMAN IQCA1

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.

IQCA1 Blocking Peptide (C-term) - Protein Information

Name IQCA1

Synonyms DRC11 {ECO:0000250|UniProtKB:A8IHT2}, IQ

Function

Component of the nexin-dynein regulatory complex (N-DRC), a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes.

Cellular Location

Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:A8IHT2}

IQCA1 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

IQCA1 Blocking Peptide (C-term) - Images

IQCA1 Blocking Peptide (C-term) - References

Barber, M.J., et al. PLoS ONE 5 (3), E9763 (2010) :
Hillier, L.W., et al. Nature 434(7034):724-731(2005)