

LRCH1 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20249c**Specification**

LRCH1 Blocking Peptide (Center) - Product Information

Primary Accession [O9Y2L9](#)
Other Accession [P62046](#), [NP_055931.1](#)

LRCH1 Blocking Peptide (Center) - Additional Information

Gene ID 23143

Other Names

Leucine-rich repeat and calponin homology domain-containing protein 1, Calponin homology domain-containing protein 1, Neuronal protein 81, NP81, LRCH1, CHDC1, KIAA1016

Target/Specificity

The synthetic peptide sequence is selected from aa 319-333 of HUMAN LRCH1

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.

LRCH1 Blocking Peptide (Center) - Protein Information

Name LRCH1

Synonyms CHDC1, KIAA1016

Function

Acts as a negative regulator of GTPase CDC42 by sequestering CDC42-guanine exchange factor DOCK8. Probably by preventing CDC42 activation, negatively regulates CD4(+) T-cell migration.

Cellular Location

Cytoplasm.

LRCH1 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

LRCH1 Blocking Peptide (Center) - Images

LRCH1 Blocking Peptide (Center) - Background

This gene encodes a protein with a leucine-rich repeat and a calponin homology domain. Polymorphism in this gene may be associated with susceptibility to knee osteoarthritis. Alternative splicing results in multiple transcript variants encoding different isoforms.

LRCH1 Blocking Peptide (Center) - References

Zintzaras, E., et al. Am. J. Epidemiol. 171(8):851-858(2010)
Jiang, Q., et al. J. Hum. Genet. 53(1):42-47(2008)
Ikegawa, S. Curr Opin Rheumatol 19(5):429-434(2007)
Snelling, S., et al. Rheumatology (Oxford) 46(2):250-252(2007)
Spector, T.D., et al. Arthritis Rheum. 54(2):524-532(2006)