

CHORDC1 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP19911c**Specification**

CHORDC1 Blocking Peptide (Center) - Product Information

Primary Accession [O9UHD1](#)
Other Accession [NP_036256.2](#)

CHORDC1 Blocking Peptide (Center) - Additional Information

Gene ID 26973

Other Names

Cysteine and histidine-rich domain-containing protein 1, CHORD domain-containing protein 1, CHORD-containing protein 1, CHP-1, Protein morgana, CHORDC1, CHP1

Target/Specificity

The synthetic peptide sequence is selected from aa 142-156 of HUMAN CHORDC1

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.

CHORDC1 Blocking Peptide (Center) - Protein Information

Name CHORDC1

Synonyms CHP1

Function

Regulates centrosome duplication, probably by inhibiting the kinase activity of ROCK2 (PubMed:20230755). Proposed to act as co- chaperone for HSP90 (PubMed:20230755). May play a role in the regulation of NOD1 via a HSP90 chaperone complex (PubMed:20230755). In vitro, has intrinsic chaperone activity (PubMed:20230755). This function may be achieved by inhibiting association of ROCK2 with NPM1 (PubMed:20230755). Plays a role in ensuring the localization of the tyrosine kinase receptor EGFR to the plasma membrane, and thus ensures the subsequent regulation of EGFR activity and EGF-induced actin cytoskeleton

remodeling (PubMed:32053105). Involved in stress response (PubMed:20230755). Prevents tumorigenesis (PubMed:20230755).

Tissue Location

Underexpressed in many breast and lung cancers.

CHORDC1 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

CHORDC1 Blocking Peptide (Center) - Images**CHORDC1 Blocking Peptide (Center) - Background**

CHORDC1 may play a role in the regulation of NOD1 via its interaction with HSP90AA1 (By similarity).

CHORDC1 Blocking Peptide (Center) - References

Gano, J.J., et al. Mol. Cell Proteomics 9(2):255-270(2010)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Wu, J., et al. FEBS Lett. 579(2):421-426(2005)
Brancaccio, M., et al. FEBS Lett. 551 (1-3), 47-52 (2003) :
Shirasu, K., et al. Cell 99(4):355-366(1999)