

PHC3 Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP21862b

Specification

PHC3 Blocking Peptide (C-Term) - Product Information

Primary Accession [Q8NDX5](#)

PHC3 Blocking Peptide (C-Term) - Additional Information

Gene ID 80012

Other Names

Polyhomeotic-like protein 3, Early development regulatory protein 3, Homolog of polyhomeotic 3, hPH3, PHC3, EDR3, PH3

Target/Specificity

The synthetic peptide sequence is selected from aa 839-850 of HUMAN PHC3

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.

PHC3 Blocking Peptide (C-Term) - Protein Information

Name PHC3

Synonyms EDR3, PH3

Function

Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the

PHC3 Blocking Peptide (C-Term) - Background

Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.

PHC3 Blocking Peptide (C-Term) - References

Tonkin E., et al. Hum. Genet. 111:435-442(2002).
Levine S.S., et al. Mol. Cell. Biol. 22:6070-6078(2002).
Hansen M.F., et al. Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Bechtel S., et al. BMC Genomics 8:399-399(2007).

transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.

Cellular Location

Nucleus

**PHC3 Blocking Peptide (C-Term) -
Protocols**

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

- [Blocking Peptides](#)