

**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 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](#)

#### **PHC3 Blocking Peptide (C-Term) - Images**

#### **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).