

**PCGF6 Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP20945c****Specification**

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**PCGF6 Blocking Peptide (C-term) - Product Information**Primary Accession [Q9BYE7](#)**PCGF6 Blocking Peptide (C-term) - Additional Information****Gene ID** 84108**Other Names**

Polycomb group RING finger protein 6, Mel18 and Bmi1-like RING finger, RING finger protein 134, PCGF6, MBLR, RNF134

**Target/Specificity**

The synthetic peptide sequence is selected from aa 261-275 of HUMAN PCGF6

**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.

**PCGF6 Blocking Peptide (C-term) - Protein Information****Name** PCGF6**Synonyms** MBLR, RNF134**Function**

Transcriptional repressor (PubMed:<a href="http://www.uniprot.org/citations/12167161" target="\_blank">12167161</a>). May modulate the levels of histone H3K4Me3 by activating KDM5D histone demethylase (PubMed:<a href="http://www.uniprot.org/citations/17320162" target="\_blank">17320162</a>). 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 (PubMed:<a href="http://www.uniprot.org/citations/12167161" target="\_blank">12167161</a>). Within the PRC1-like complex, regulates RNF2 ubiquitin ligase activity (PubMed:<a href="http://www.uniprot.org/citations/26151332" target="\_blank">26151332</a>).

**Cellular Location**

Nucleus

**Tissue Location**

Ubiquitous.

**PCGF6 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

**PCGF6 Blocking Peptide (C-term) - Images****PCGF6 Blocking Peptide (C-term) - Background**

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**PCGF6 Blocking Peptide (C-term) - References**

Akasaka T., et al. Genes Cells 7:835-850(2002).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Deloukas P., et al. Nature 429:375-381(2004).  
Lee M.G., et al. Cell 128:877-887(2007).  
Maertens G.N., et al. PLoS ONE 4:E6380-E6380(2009).