

PCGF6 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21285c**Specification**

PCGF6 Blocking Peptide (Center) - Product InformationPrimary Accession [Q9BYE7](#)**PCGF6 Blocking Peptide (Center) - 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 215-229 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 (Center) - Protein Information**Name** PCGF6**Synonyms** MBLR, RNF134**Function**

Transcriptional repressor (PubMed:12167161). May modulate the levels of histone H3K4Me3 by activating KDM5D histone demethylase (PubMed:17320162). 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:12167161). Within the PRC1-like complex, regulates RNF2 ubiquitin ligase activity (PubMed:26151332).

Cellular Location

Nucleus

Tissue Location

Ubiquitous.

PCGF6 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

PCGF6 Blocking Peptide (Center) - Images**PCGF6 Blocking Peptide (Center) - Background**

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PCGF6 Blocking Peptide (Center) - References

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Ota T., et al. Nat. Genet. 36:40-45(2004).
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Lee M.G., et al. Cell 128:877-887(2007).
Maertens G.N., et al. PLoS ONE 4:E6380-E6380(2009).