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PCGF6 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21285c

Specification

PCGF6 Blocking Peptide (Center) - Product Information

Primary 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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