

BMI1 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP21642b**Specification**

BMI1 Blocking Peptide (C-term) - Product InformationPrimary Accession [P35226](#)**BMI1 Blocking Peptide (C-term) - Additional Information****Gene ID** 100532731;648**Other Names**

Polycomb complex protein BMI-1, Polycomb group RING finger protein 4, RING finger protein 51, BMI1, PCGF4, RNF51

Target/Specificity

The synthetic peptide sequence is selected from aa 301-314 of HUMAN BMI1

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.

BMI1 Blocking Peptide (C-term) - Protein Information**Name** BMI1**Synonyms** PCGF4, RNF51**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 (PubMed: 15386022, PubMed: 16359901, PubMed: 16714294, PubMed: 21772249, PubMed: 25355358, PubMed: 26151332, PubMed: 27827373). The complex composed of RNF2, UB2D3 and BMI1 binds

nucleosomes, and has activity only with nucleosomal histone H2A (PubMed:21772249, PubMed:25355358). In the PRC1-like complex, regulates the E3 ubiquitin-protein ligase activity of RNF2/RING2 (PubMed:15386022, PubMed:21772249, PubMed:26151332).

Cellular Location

Nucleus. Cytoplasm

BMI1 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

BMI1 Blocking Peptide (C-term) - Images

BMI1 Blocking Peptide (C-term) - Background

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BMI1 Blocking Peptide (C-term) - References

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