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# CXorf67 Blocking Peptide (C-term)

**Synthetic peptide**
**Catalog # BP20152b**

## Specification

### CXorf67 Blocking Peptide (C-term) - Product Information

| | |
|---|---|
| Primary Accession | Q86X51 |
| Other Accession | NP_981952.1 |

### CXorf67 Blocking Peptide (C-term) - Additional Information

**Gene ID** 340602

**Other Names**
Uncharacterized protein CXorf67, CXorf67

**Target/Specificity**
The synthetic peptide sequence is selected from aa 490-503 of HUMAN CXorf67

**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.

### CXorf67 Blocking Peptide (C-term) - Protein Information

**Name** EZHIP (HGNC:33738)

**Function**
Inhibits PRC2/EED-EZH1 and PRC2/EED-EZH2 complex function by inhibiting EZH1/EZH2 methyltransferase activity, thereby causing down- regulation of histone H3 trimethylation on 'Lys-27' (H3K27me3) (PubMed:<a href="http://www.uniprot.org/citations/29909548" target="_blank">29909548</a>, PubMed:<a href="http://www.uniprot.org/citations/31086175" target="_blank">31086175</a>, PubMed:<a href="http://www.uniprot.org/citations/31451685" target="_blank">31451685</a>, PubMed:<a href="http://www.uniprot.org/citations/30923826" target="_blank">30923826</a>). Probably inhibits methyltransferase activity by limiting the stimulatory effect of cofactors such as AEBP2 and JARID2 (PubMed:<a href="http://www.uniprot.org/citations/30923826" target="_blank">30923826</a>). Inhibits H3K27me3 deposition during spermatogenesis and oogenesis (By similarity).

**Cellular Location**
Nucleus. Cytoplasm

**Tissue Location**
In testis, detected in male germ cells inside the seminiferous tubules, especially in spermatogonia and round spermatids (at protein level) (PubMed:31451685). In the ovary, expressed in primordial follicles and oocytes but not the external follicle cells (at protein level) (PubMed:31451685).

## CXorf67 Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

## CXorf67 Blocking Peptide (C-term) - Images

## CXorf67 Blocking Peptide (C-term) - Background

The function of this protein is not yet known.