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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:29909548, PubMed:31086175, PubMed:31451685, PubMed:30923826). Probably inhibits methyltransferase activity by limiting the stimulatory effect of cofactors such as AEBP2 and JARID2 (PubMed:30923826). 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.