

**FBXO43 Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP20371b

**Specification**

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**FBXO43 Blocking Peptide (C-term) - Product Information**

Primary Accession

[Q4G163](#)**FBXO43 Blocking Peptide (C-term) - Additional Information**

Gene ID 286151

**Other Names**

F-box only protein 43, Endogenous meiotic inhibitor 2, FBXO43, EMI2

**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.

**FBXO43 Blocking Peptide (C-term) - Protein Information**

Name FBXO43

Synonyms EMI2

**Function**

Required to establish and maintain the arrest of oocytes at the second meiotic metaphase until fertilization. Acts by inhibiting the anaphase-promoting complex/cyclosome (APC/C) ubiquitin ligase. Probably recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation (PubMed: <http://www.uniprot.org/citations/34052850> target="\_blank">34052850</a>, PubMed: <http://www.uniprot.org/citations/34595750> target="\_blank">34595750</a>). Plays a vital role in modulating the ubiquitilation of CCNB1 and CDK1 during gametogenesis.

**Tissue Location**

Expressed in the testis.

**FBXO43 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

**FBXO43 Blocking Peptide (C-term) - Images****FBXO43 Blocking Peptide (C-term) - Background**

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