

FEM1C Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17534b**Specification**

FEM1C Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q96JP0](#)**FEM1C Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 56929**Other Names**

Protein fem-1 homolog C, FEM1c, FEM1-gamma, FEM1C, KIAA1785

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.

FEM1C Antibody (C-term) Blocking Peptide - Protein Information**Name** FEM1C {ECO:0000303|PubMed:14527725, ECO:0000312|HGNC:HGNC:16933}**Function**

Substrate-recognition component of a Cul2-RING (CRL2) E3 ubiquitin-protein ligase complex of the DesCEND (destruction via C-end degrons) pathway, which recognizes a C-degron located at the extreme C terminus of target proteins, leading to their ubiquitination and degradation (PubMed:29779948, PubMed:29775578, PubMed:33398170, PubMed:33398168). The C-degron recognized by the DesCEND pathway is usually a motif of less than ten residues and can be present in full-length proteins, truncated proteins or proteolytically cleaved forms (PubMed:29779948, PubMed:29775578, PubMed:33398170, PubMed:33398168). The CRL2(FEM1C) complex specifically recognizes proteins with an arginine at the C-terminus: recognizes and binds proteins ending with -Lys/Arg-Xaa-Arg and -Lys/Arg-Xaa-Xaa-Arg C-degrons, such as SIL1 or OR51B2, leading to their ubiquitination and degradation (PubMed:33398170, PubMed:33398168). The

CRL2(FEM1C) complex mediates ubiquitination and degradation of truncated MSRB1/SEPX1 selenoproteins produced by failed UGA/Sec decoding (PubMed:26138980). Promotes ubiquitination and degradation of SLBP (PubMed:28118078).

Tissue Location

Widely expressed. Highly expressed in kidney, cardiac tissue, skeletal muscle and testis. Expressed at lower levels in other tissues, including cartilage.

FEM1C Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FEM1C Antibody (C-term) Blocking Peptide - Images**FEM1C Antibody (C-term) Blocking Peptide - Background**

Probable component of an E3 ubiquitin-protein ligase complex, in which it may act as a substrate recognition subunit (By similarity).

FEM1C Antibody (C-term) Blocking Peptide - References

Goodarzi, M.O., et al. Hum. Reprod. 23(12):2842-2849(2008)Ventura-Holman, T., et al. Gene 314, 133-139 (2003) :Krakow, D., et al. Gene 279(2):213-219(2001)