

68MP Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17895b**Specification**

68MP Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P56378](#)**68MP Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 9556**Other Names**

68 kDa mitochondrial proteolipid, MP68, C14orf2

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.

68MP Antibody (C-term) Blocking Peptide - Protein Information**Name** ATP5MJ ([HGNC:1188](#))**Synonyms** ATP5MPL, C14orf2, MP68**Function**

Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation (Probable). Minor subunit required to maintain the ATP synthase population in the mitochondria (PubMed:24330338).

Cellular Location

Mitochondrion membrane; Single-pass membrane protein

68MP Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

68MP Antibody (C-term) Blocking Peptide - Images

68MP Antibody (C-term) Blocking Peptide - Background

The function of this protein remains unknown.

68MP Antibody (C-term) Blocking Peptide - References

Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006) Mao, M., et al. Proc. Natl. Acad. Sci. U.S.A. 95(14):8175-8180(1998)