

**BRP44L Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP21401b

**Specification**

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**BRP44L Blocking Peptide (C-term) - Product Information**

Primary Accession

[Q9Y5U8](#)**BRP44L Blocking Peptide (C-term) - Additional Information****Gene ID** 51660**Other Names**

Mitochondrial pyruvate carrier 1, Brain protein 44-like protein, MPC1, BRP44L

**Target/Specificity**

The synthetic peptide sequence is selected from aa 96-109 of HUMAN MPC1

**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.

**BRP44L Blocking Peptide (C-term) - Protein Information****Name** MPC1**Synonyms** BRP44L**Function**

Mediates the uptake of pyruvate into mitochondria.

**Cellular Location**

Mitochondrion inner membrane; Multi-pass membrane protein

**BRP44L Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

**BRP44L Blocking Peptide (C-term) - Images**

**BRP44L Blocking Peptide (C-term) - Background**

Mediates the uptake of pyruvate into mitochondria.

**BRP44L Blocking Peptide (C-term) - References**

Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).

Lai C.-H.,et al.Genome Res. 10:703-713(2000).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Mungall A.J.,et al.Nature 425:805-811(2003).

Yu W.-Q.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.