

**SLC25A36 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19263b****Specification**

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**SLC25A36 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q96CQ1](#)**SLC25A36 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 55186**Other Names**

Solute carrier family 25 member 36, SLC25A36

**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.

**SLC25A36 Antibody (C-term) Blocking Peptide - Protein Information****Name** SLC25A36**Function**

Mitochondrial transporter that imports/exports pyrimidine nucleotides into and from mitochondria. Selectively transports cytosine, guanosine, inosine and uridine (deoxy)nucleoside mono-, di-, and triphosphates by antiport mechanism. Catalyzes uniport at much lower rate (PubMed:<a href="http://www.uniprot.org/citations/25320081" target="\_blank">25320081</a>). May import (deoxy)nucleoside triphosphates in exchange for intramitochondrial (deoxy)nucleoside mono- and diphosphates, thus providing precursors necessary for de novo synthesis of mitochondrial DNA and RNA while exporting products of their catabolism (PubMed:<a href="http://www.uniprot.org/citations/25320081" target="\_blank">25320081</a>). Participates in mitochondrial genome maintenance, regulation of mitochondrial membrane potential and mitochondrial respiration.

**Cellular Location**

Mitochondrion inner membrane; Multi-pass membrane protein

**Tissue Location**

Widely expressed at moderate level. Expressed most strongly in pancreas (PubMed:34971397).

**SLC25A36 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**SLC25A36 Antibody (C-term) Blocking Peptide - Images****SLC25A36 Antibody (C-term) Blocking Peptide - Background**

SLC25A36 belongs to the mitochondrial carrier family. It contains 3 Solcar repeats and has three isoforms.

**SLC25A36 Antibody (C-term) Blocking Peptide - References**

Baranzini, S.E., et al. Hum. Mol. Genet. 18(4):767-778(2009) Stelzl, U., et al. Cell 122(6):957-968(2005) Laganier, J., et al. Mol. Endocrinol. 19(6):1584-1592(2005) Hildyard, J.C., et al. Biochem. J. 374 (PT 3), 607-611 (2003) :