

TOMM34 Antibody (C-term) Blocking Peptide

Synthetic peptide

Catalog # BP19090b

Specification

TOMM34 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession

[Q15785](#)**TOMM34 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 10953

Other Names

Mitochondrial import receptor subunit TOM34, hTom34, Translocase of outer membrane 34 kDa subunit, TOMM34, URCC3

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.

TOMM34 Antibody (C-term) Blocking Peptide - Protein Information

Name TOMM34

Synonyms URCC3

Function

Plays a role in the import of cytosolically synthesized preproteins into mitochondria. Binds the mature portion of precursor proteins. Interacts with cellular components, and possesses weak ATPase activity. May be a chaperone-like protein that helps to keep newly synthesized precursors in an unfolded import compatible state.

Cellular Location

Cytoplasm. Mitochondrion outer membrane; Peripheral membrane protein; Cytoplasmic side

Tissue Location

Ubiquitous.

TOMM34 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TOMM34 Antibody (C-term) Blocking Peptide - Images

TOMM34 Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene is involved in the import of precursor proteins into mitochondria. The encoded protein has a chaperone-like activity, binding the mature portion of unfolded proteins and aiding their import into mitochondria. This protein, which is found in the cytoplasm and sometimes associated with the outer mitochondrial membrane, has a weak ATPase activity and contains 6 TPR repeats.

TOMM34 Antibody (C-term) Blocking Peptide - References

Blesa, J.R., et al. *Biochem. Cell Biol.* 86(1):46-56(2008) Sugiyama, N., et al. *Mol. Cell Proteomics* 6(6):1103-1109(2007) Olsen, J.V., et al. *Cell* 127(3):635-648(2006) Shimokawa, T., et al. *Int. J. Oncol.* 29(2):381-386(2006) Yang, C.S., et al. *Arch. Biochem. Biophys.* 400(1):105-110(2002)