

TOMM34 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21061a**Specification****TOMM34 Blocking Peptide (Center) - Product Information**Primary Accession [Q15785](#)**TOMM34 Blocking Peptide (Center) - Additional Information**

Gene ID 10953

Other Names

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

Target/Specificity

The synthetic peptide sequence is selected from aa 156-168 of HUMAN TOMM34

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 Blocking Peptide (Center) - Protein Information

Name TOMM34

Synonyms URCC3

Function

Plays a role in the import of cytosolically synthesized preproteins into mitochondria.

TOMM34 Blocking Peptide (Center) - Background

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.

TOMM34 Blocking Peptide (Center) - References

Nuttall S.D., et al. DNA Cell Biol. 16:1067-1074(1997).
Shimokawa T., et al. Int. J. Oncol. 29:381-386(2006).
Kalnina N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Suzuki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

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Cellular Location

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

Tissue Location

Ubiquitous.

**TOMM34 Blocking Peptide (Center) -
Protocols**

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

- [Blocking Peptides](#)