

**TOMM34 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP21061a****Specification**

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

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

- [Blocking Peptides](#)

## **TOMM34 Blocking Peptide (Center) - Images**

## **TOMM34 Blocking Peptide (Center) - Background**

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## **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).  
Kalnine 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.