

IMMT Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20716c**Specification**

IMMT Blocking Peptide (Center) - Product InformationPrimary Accession [Q16891](#)**IMMT Blocking Peptide (Center) - Additional Information****Gene ID** 10989**Other Names**

MICOS complex subunit MIC60, Cell proliferation-inducing gene 4/52 protein, Mitochondrial inner membrane protein, Mitofilin, p87/89, IMMT, HMP, MIC60, MINOS2

Target/Specificity

The synthetic peptide sequence is selected from aa 170-183 of HUMAN IMMT

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.

IMMT Blocking Peptide (Center) - Protein Information**Name** IMMT**Synonyms** HMP, MIC60, MINOS2**Function**

Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed:22114354, PubMed:25781180).

Cellular Location

Mitochondrion inner membrane; Single-pass membrane protein. Mitochondrion

IMMT Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

IMMT Blocking Peptide (Center) - Images**IMMT Blocking Peptide (Center) - References**

Icho T.,et al.Gene 144:301-306(1994).

Gieffers C.,et al.Exp. Cell Res. 232:395-399(1997).

Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

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

Kim J.W.,et al.Submitted (FEB-2005) to the EMBL/GenBank/DDBJ databases.