

MINOS1 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20802a**Specification**

MINOS1 Blocking Peptide (N-term) - Product Information

Primary Accession [Q5TGZ0](#)
Other Accession [Q7TNS2](#)

MINOS1 Blocking Peptide (N-term) - Additional Information

Gene ID 440574

Other Names

MICOS complex subunit MIC10, Mitochondrial inner membrane organizing system protein 1, MINOS1, C1orf151, MIC10

Target/Specificity

The synthetic peptide sequence is selected from aa 1-13 of HUMAN MINOS1

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.

MINOS1 Blocking Peptide (N-term) - Protein Information

Name MICOS10 ([HGNC:32068](#))

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.

Cellular Location

Mitochondrion inner membrane; Single-pass membrane protein. Note=The C-terminus is located in the intermembrane space (By similarity), while the location of the N- terminus has not been determined yet. As some programs predict the presence of 2 closely apposed membrane domains, it has been proposed that the protein may cross the membrane twice and that both termini may face the intermembrane space (PubMed:22114354). {ECO:0000250, ECO:0000269|PubMed:22114354}

MINOS1 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

MINOS1 Blocking Peptide (N-term) - Images**MINOS1 Blocking Peptide (N-term) - Background**

May play a role in mitochondrial architecture (By similarity).

MINOS1 Blocking Peptide (N-term) - References

Gregory S.G.,et al.Nature 441:315-321(2006).

Alkhaja A.K.,et al.Mol. Biol. Cell 23:247-257(2012).

Van Damme P.,et al.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).