

MMAB Blocking Peptide (Center)

Synthetic peptide Catalog # BP20556c

Specification

MMAB Blocking Peptide (Center) - Product Information

Primary Accession Q96EY8
Other Accession Q9D273

MMAB Blocking Peptide (Center) - Additional Information

Gene ID 326625

Other Names

Cob(I)yrinic acid a, c-diamide adenosyltransferase, mitochondrial, Cob(I)alamin adenosyltransferase, Methylmalonic aciduria type B protein, MMAB

Target/Specificity

The synthetic peptide sequence is selected from aa 70-81 of HUMAN MMAB

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.

MMAB Blocking Peptide (Center) - Protein Information

Name MMAB (HGNC:19331)

Function

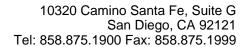
Converts cob(I)alamin to adenosylcobalamin (adenosylcob(III)alamin), a coenzyme for methylmalonyl-CoA mutase, therefore participates in the final step of the vitamin B12 conversion (PubMed:12514191). Generates adenosylcobalamin (AdoCbI) and directly delivers the cofactor to MUT in a transfer that is stimulated by ATP- binding to MMAB and gated by MMAA (Probable).

Cellular Location

Mitochondrion.

Tissue Location

Expressed in liver and skeletal muscle.





MMAB Blocking Peptide (Center) - Protocols

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

• **Blocking Peptides**

MMAB Blocking Peptide (Center) - Images

MMAB Blocking Peptide (Center) - References

Dobson C.M.,et al.Hum. Mol. Genet. 11:3361-3369(2002). Leal N.A.,et al.J. Biol. Chem. 278:9227-9234(2003). Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011). Schubert H.L.,et al.Biochemistry 45:15188-15196(2006). Martinez M.A.,et al.Mol. Genet. Metab. 84:317-325(2005).