

## **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**

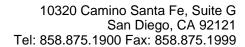
Converts cob(I)alamin to adenosylcobalamin (adenosylcob(III)alamin), a coenzyme for methylmalonyl-CoA mutase, therefore participates in the final step of the vitamin B12 conversion (PubMed:<a href="http://www.uniprot.org/citations/12514191" target="\_blank">12514191</a>). Generates adenosylcobalamin (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).