

ME1 Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP22134a

Specification

ME1 Blocking Peptide (N-Term) - Product Information

Primary Accession [P48163](#)

ME1 Blocking Peptide (N-Term) - Additional Information

Gene ID 4199

Other Names

NADP-dependent malic enzyme, NADP-ME, 1.1.1.40, Malic enzyme 1, ME1

Target/Specificity

The synthetic peptide sequence is selected from aa 57-70 of HUMAN ME1

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.

ME1 Blocking Peptide (N-Term) - Protein Information

Name ME1 ([HGNC:6983](#))

Function

Catalyzes the oxidative decarboxylation of (S)-malate in the presence of NADP(+) and divalent metal ions, and decarboxylation of oxaloacetate.

Cellular Location

Cytoplasm.

Tissue Location

Expressed in all tissues tested including liver, placenta and white adipose tissue.

ME1 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

ME1 Blocking Peptide (N-Term) - Images**ME1 Blocking Peptide (N-Term) - References**

Loeber G.,et al.FEBS Lett. 344:181-186(1994).

Gonzalez-Manchon C.,et al.Gene 159:255-260(1995).

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

Totoki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Mungall A.J.,et al.Nature 425:805-811(2003).