

BCAT2 Blocking Peptide (N-term)

Synthetic peptide

Catalog # BP20676a

Specification

BCAT2 Blocking Peptide (N-term) - Product Information

Primary Accession

[O15382](#)**BCAT2 Blocking Peptide (N-term) - Additional Information**

Gene ID 587

Other Names

Branched-chain-amino-acid aminotransferase, mitochondrial, BCAT(m), Placental protein 18, PP18, BCAT2, BCATM, BCT2, ECA40

Target/Specificity

The synthetic peptide sequence is selected from aa 44-58 of HUMAN BCAT2

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.

BCAT2 Blocking Peptide (N-term) - Protein Information

Name BCAT2

Function

Catalyzes the first reaction in the catabolism of the essential branched chain amino acids leucine, isoleucine, and valine (PubMed:8702755, PubMed:25653144, PubMed:17050531). May also function as a transporter of branched chain alpha-keto acids (By similarity).

Cellular Location

Mitochondrion {ECO:0000250|UniProtKB:O35854}.

Tissue Location

Ubiquitous..

BCAT2 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

BCAT2 Blocking Peptide (N-term) - Images

BCAT2 Blocking Peptide (N-term) - Background

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BCAT2 Blocking Peptide (N-term) - References

Bledsoe R.K.,et al.Biochim. Biophys. Acta 1339:9-13(1997).
Than N.G.,et al.Placenta 22:235-243(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Eden A.,et al.J. Biol. Chem. 271:20242-20245(1996).