

SLC25A44 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20113a**Specification**

SLC25A44 Blocking Peptide (N-term) - Product Information

Primary Accession [O96H78](#)
Other Accession [Q8BGF9](#), [NP_055470.1](#)

SLC25A44 Blocking Peptide (N-term) - Additional Information

Gene ID 9673

Other Names

Solute carrier family 25 member 44, SLC25A44, KIAA0446

Target/Specificity

The synthetic peptide sequence is selected from aa 42-55 of HUMAN SLC25A44

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.

SLC25A44 Blocking Peptide (N-term) - Protein Information

Name SLC25A44 {ECO:0000303|PubMed:31435015, ECO:0000312|HGNC:HGNC:29036}

Function

Mitochondrial solute transporter which transports branched- chain amino acid (BCAA; valine, leucine and isoleucine) into mitochondria in brown adipose tissue (BAT) (By similarity). BAT is involved in BCAA catabolism and actively utilizes BCAA in the mitochondria for thermogenesis (PubMed:31435015).

Cellular Location

Mitochondrion membrane {ECO:0000250|UniProtKB:Q8BGF9}; Multi-pass membrane protein

SLC25A44 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

SLC25A44 Blocking Peptide (N-term) - Images

SLC25A44 Blocking Peptide (N-term) - Background

SLC25A44 belongs to the SLC25 family of mitochondrial carrier proteins (Haitina et al., 2006 [PubMed 16949250]).[supplied by OMIM].

SLC25A44 Blocking Peptide (N-term) - References

Haitina, T., et al. Genomics 88(6):779-790(2006)