

**SDHC Blocking Peptide (C-Term)**  
**Synthetic peptide**  
**Catalog # BP21871b**

### Specification

#### SDHC Blocking Peptide (C-Term) - Product Information

Primary Accession [Q99643](#)

#### SDHC Blocking Peptide (C-Term) - Additional Information

Gene ID 6391

##### Other Names

Succinate dehydrogenase cytochrome b560 subunit, mitochondrial, Integral membrane protein CII-3, QPs-1, QPs1, Succinate dehydrogenase complex subunit C, Succinate-ubiquinone oxidoreductase cytochrome B large subunit, CYBL, SDHC, CYB560, SDH3

##### Target/Specificity

The synthetic peptide sequence is selected from aa 133-144 of HUMAN SDHC

##### 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.

#### SDHC Blocking Peptide (C-Term) - Protein Information

Name SDHC

Synonyms CYB560, SDH3

##### Function

Membrane-anchoring subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q) (PubMed:<a href="http://www.uniprot.org/citations/9533030" target="\_blank">9533030</a>). SDH also oxidizes malate to the non-canonical enol form of oxaloacetate, enol-oxaloacetate (By similarity). Enol-oxaloacetate, which is a potent inhibitor of the succinate dehydrogenase activity, is further isomerized into keto- oxaloacetate (By similarity).

##### Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

## **SDHC Blocking Peptide (C-Term) - Protocols**

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

- [Blocking Peptides](#)

## **SDHC Blocking Peptide (C-Term) - Images**

## **SDHC Blocking Peptide (C-Term) - Background**

Membrane-anchoring subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q).

## **SDHC Blocking Peptide (C-Term) - References**

Au H.C.,et al.Submitted (MAY-1996) to the EMBL/GenBank/DDBJ databases.  
Hirawake H.,et al.Cytogenet. Cell Genet. 79:132-138(1997).  
Elbehti-Green A.,et al.Gene 213:133-140(1998).  
Wohllk N.,et al.Mol. Genet. Metab. 65:187-190(1998).  
Hiatomi H.,et al.Submitted (OCT-2005) to the EMBL/GenBank/DDBJ databases.