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SDHA Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20458b

Specification

SDHA Blocking Peptide (C-term) - Product Information

Primary Accession	P31040
Other Accession	Q920L2, Q6PA58

SDHA Blocking Peptide (C-term) - Additional Information

Gene ID 6389

Other Names
Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial, Flavoprotein subunit of complex II, Fp, SDHA, SDH2, SDHF

Target/Specificity
The synthetic peptide sequence is selected from aa 592-605 of Human SDHA

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.

SDHA Blocking Peptide (C-term) - Protein Information

Name SDHA

Synonyms SDH2, SDHF

Function
Flavoprotein (FP) 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:24781757). Can act as a tumor suppressor (PubMed:20484225).

Cellular Location
Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q0QF01}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q0QF01}; Matrix side {ECO:0000250|UniProtKB:Q0QF01}

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SDHA Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

SDHA Blocking Peptide (C-term) - Images

SDHA Blocking Peptide (C-term) - Background

Flavoprotein (FP) 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). Can act as a tumor suppressor.

SDHA Blocking Peptide (C-term) - References

Hirawake H., et al. J. Biochem. 116:221-227(1994).
Morris A.A.M., et al. Biochim. Biophys. Acta 1185:125-128(1994).
Parfait B., et al. Hum. Genet. 106:236-243(2000).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.