

Recombinant Full Length Human SDHC Protein, GST tagged

Cat. No. SDHC-10HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Human SDHC full-length ORF (1 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat germ cell free in vitro.
Species	Human
Source	Wheat germ cell free in vitro
ProteinLength	1-169 aa
Description	This gene encodes one of four nuclear-encoded subunits that comprise succinate dehydrogenase, also known as mitochondrial complex II, a key enzyme complex of the tricarboxylic acid cycle and aerobic respiratory chains of mitochondria. The encoded protein is one of two integral membrane proteins that anchor other subunits of the complex, which form the catalytic core, to the inner mitochondrial membrane. Several related pseudogenes are located in different genomic regions. Mutations in this gene have been associated with paragangliomas. Alternatively spliced transcript variants encoding different isoforms have been described.
Molecular Mass	44.33 kDa
AASequence	MAALLLRHVGRHCLRAHFSPQLCIRNAVPLGTTAKEEMERFWNKNIGSNRPLSPHITI YWSLPMAMSICHRGTGIALSAGVSLFGMSALLLPGNFESYLELVKSLCLGPALIHTA KFALVFPLMYHTWNGIRHLMWDLGKGLKIPQLYQSGVVVLVLTVLSSMGLAAM
Quality Control	12.5% SDS-PAGE Stained with Coomassie Blue.

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Testing	
Application	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Note	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	SDHC succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa [Homo sapiens (human)]
Official Symbol	SDHC
Synonyms	SDHC; succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa; PGL3, succinate dehydrogenase complex, subunit C, integral membrane protein, 15kD; succinate dehydrogenase cytochrome b560 subunit, mitochondrial; QPs-1; integral membrane protein CII-3; integral membrane protein CII-3b; cytochrome B large subunit of complex II; succinate dehydrogenase complex subunit C; succinate-ubiquinone oxidoreductase cytochrome B large subunit; succinate-ubiquinone oxidoreductase cytochrome B large subunit; CYBL; PGL3; QPS1; SDH3; CYB560;
Gene ID	6391
mRNA Refseq	NM_001035511

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Protein Refseq NP_001030588

MIM 602413

UniProt ID Q99643

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