Recombinant Full Length Human SDHD Protein

Cat. No. SDHD-458HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SDHD with a N terminal proprietary tag: predicted MW 43.56 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	159 amino acids
Description	Complex II of the respiratory chain, which is specifically involved in the oxidation of succinate, carries electrons from FADH to CoQ.The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane.The subunit D protein is one of two integral membrane proteins anchoring the complex to the matrix side of the membrane.Mutations in SDHD have been linked to hereditary paraganglioma.
Form	Liquid
Molecular Mass	43.560kDa inclusive of tags
AA Sequence	MAVLWRLSAVCGALGGRALLLRTPVVRPAHISAFLQDRPI PEWCGVQHIHLSPSHH SGSKAASLHWTSERVVSVLLLGLL PAAYLNPCSAMDYSLAAALTLHGHWGLGQVVT DYVHGDAL QKAAKAGLLALSALTFAGLCYFNYHDVGICKAVAMLWKL
Purity	Proprietary Purification

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	SDHD succinate dehydrogenase complex, subunit D, integral membrane protein [Homo sapiens]
Official Symbol	SDHD
Synonyms	SDHD; succinate dehydrogenase complex, subunit D, integral membrane protein; PGL, PGL1; succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial
Gene ID	6392
mRNA Refseq	NM_003002
Protein Refseq	NP_002993
MIM	602690
UniProt ID	O14521

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