Recombinant Human SCCPDH Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SCCPDH-2796H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SCCPDH MS Standard C13 and N15-labeled recombinant protein (NP_057086) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	SCCPDH (Saccharopine Dehydrogenase (Putative)) is a Protein Coding gene. Diseases associated with SCCPDH include Hyperlysinemia, Type I and L-2-Hydroxyglutaric Aciduria. Among its related pathways are Response to elevated platelet cytosolic Ca2+. Gene Ontology (GO) annotations related to this gene include oxidoreductase activity.
Molecular Mass	47.2 kDa
AA Sequence	MATEQRPFHLVVFGASGFTGQFVTEEVAREQVDPERSSRLPWAVAGRSREKLQRV LEKAALKLGRPTLSSEVGIIICDIANPASLDEMAKQATVVLNCVGPYRFYGEPVIKACI ENGASCIDISGEPQFLELMQLKYHEKAADKGVYIIGSSGFDSIPADLGVIYTRNKMNG TLTAVESFLTIHSGHEGLSIHDGTWKSAIYGFGDQSNLRKLRNVSNLKPVPLIGPKLK RRWPISYCRELKGYSIPFMGSDVSVVRRTQRYLYENLEESPVQYAAYVTVGGITSVI KLMFAGLFFLFFVRFGIGRQLLIKFPWFFSFGYFSKQGPTQKQIDAASFTLTFFGQGY SRGTGTDKNKPNIKICTQVKGPEAGYVATPIAMVQAAMTLLSDASHLPKAGGVFTPG AAFSKTKLIDRLNKHGIEFSVISSSEVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SCCPDH saccharopine dehydrogenase (putative) [Homo sapiens (human)]
Official Symbol	SCCPDH
Synonyms	SCCPDH; saccharopine dehydrogenase (putative); saccharopine dehydrogenase-like oxidoreductase; CGI 49; NET11; probable saccharopine dehydrogenase; CGI-49; FLJ43187; RP11-439E19.2;
Gene ID	51097
mRNA Refseq	NM_016002
Protein Refseq	NP_057086
UniProt ID	Q8NBX0

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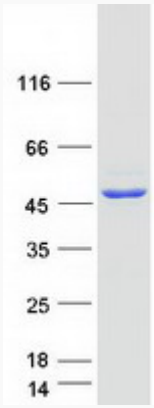
SDS-PAGE	

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