

Recombinant Mouse Sucla2 Protein, Myc/DDK-tagged

Cat. No. Sucla2-6216M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length succinate-Coenzyme A ligase, ADP-forming, beta subunit (Sucla2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	ATP-specific succinyl-CoA synthetase functions in the citric acid cycle (TCA), coupling the hydrolysis of succinyl-CoA to the synthesis of ATP and thus represents the only step of substrate-level phosphorylation in the TCA. The beta subunit provides nucleotide specificity of the enzyme and binds the substrate succinate, while the binding sites for coenzyme A and phosphate are found in the alpha subunit.
Molecular Mass	50.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Suc1a2 succinate-Coenzyme A ligase, ADP-forming, beta subunit \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Suc1a2](#)

Synonyms Suc1a2; succinate-Coenzyme A ligase, ADP-forming, beta subunit; A-SCS; SCS-betaA; 4930547K18Rik; succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial; ATP-specific succinyl-CoA synthetase subunit beta; succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial; succinyl-CoA synthetase beta-A chain; EC 6.2.1.5

Gene ID [20916](#)

mRNA Refseq [NM_011506](#)

Protein Refseq [NP_035636](#)

UniProt ID [Q9Z2I9](#)

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