

Recombinant Human SUCLG2, His-tagged

Cat. No. SUCLG2-3043H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUCLG2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-384aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	SUCLG2 succinate-CoA ligase, GDP-forming, beta subunit [Homo sapiens]
Official Symbol	SUCLG2
Synonyms	SUCLG2; succinate-CoA ligase, GDP-forming, beta subunit; succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial; SCS-betaG; succinyl-CoA synthetase beta-G chain; succinyl-CoA synthetase, beta-G chain; GTP-specific succinyl-CoA synthetase beta subunit; GTP-specific succinyl-CoA synthetase subunit beta;

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	succinyl-CoA ligase, GDP-forming, beta chain, mitochondrial; GBETA;
Gene ID	8801
mRNA Refseq	NM_001177599
Protein Refseq	NP_001171070
MIM	603922
UniProt ID	Q96I99
Chromosome Location	3p14.3
Pathway	Citrate cycle (TCA cycle), organism-specific biosystem; Citrate cycle (TCA cycle), conserved biosystem; Citrate cycle, second carbon oxidation, 2-oxoglutarate =>oxaloacetate, organism-specific biosystem; Citrate cycle, second carbon oxidation, 2-oxogluta
Function	ATP binding; GTP binding; ligase activity; nucleotide binding; succinate-CoA ligase (GDP-forming) activity;