

# Recombinant Human SUCLG2, His-tagged

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

## SPECIFICATION

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

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SUCLG2 succinate-CoA ligase, GDP-forming, beta subunit [ Homo sapiens ]                                                                                                                                                                                                                                               |
| <b>Official Symbol</b> | SUCLG2                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | 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; |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | succinyl-CoA ligase, GDP-forming, beta chain, mitochondrial; GBETA;                                                                                                                                                                                            |
| <b>Gene ID</b>             | 8801                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>         | NM_001177599                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>      | NP_001171070                                                                                                                                                                                                                                                   |
| <b>MIM</b>                 | 603922                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>          | Q96I99                                                                                                                                                                                                                                                         |
| <b>Chromosome Location</b> | 3p14.3                                                                                                                                                                                                                                                         |
| <b>Pathway</b>             | 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 |
| <b>Function</b>            | ATP binding; GTP binding; ligase activity; nucleotide binding; succinate-CoA ligase (GDP-forming) activity;                                                                                                                                                    |