Recombinant Human SUCLG2 protein, His-SUMO-tagged

Cat. No. SUCLG2-3044H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUCLG2 protein(Q96I99)(49-423aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	49-423aa
Form	Tris-based buffer,50% glycerol
Molecular Mass	56.3kDa
AA Sequence	MSDNGVRVQRFFVADTANEALEAAKRLNAKEIVLKAQILAGGRGKGVFNSGLKGGV HLTKDPNVVGQLAKQMIGYNLATKQTPKEGVKVNKVMVAEALDISRETYLAILMDRS CNGPVLVGSPQGGVDIEEVAASNPELIFKEQIDIFEGIKDSQAQRMAENLGFVGPLKS QAADQITKLYNLFLKIDATQVEVNPFGETPEGQVVCFDAKINFDDNAEFRQKDIFAMD DKSENEPIENEAAKYDLKYIGLDGNIACFVNGAGLAMATCDIIFLNGGKPANFLDLGG GVKEAQVYQAFKLLTADPKVEAILVNIFGGIVNCAIIANGITKACRELELKVPLVVRLEG TNVQEAQKILNNSGLPITSAIDLEDAAK
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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; 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

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