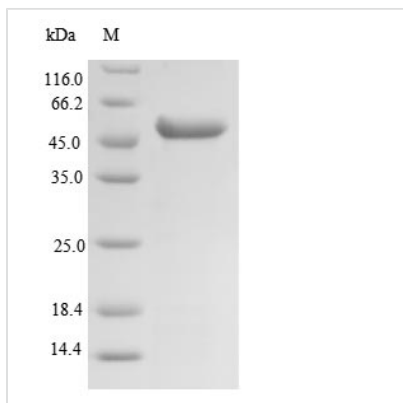




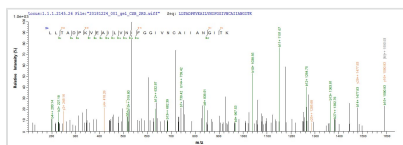
Recombinant Human Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial (SUCLG2), partial

Product Code	CSB-EP846636HU
Relevance	Catalyzes the GTP-dependent ligation of succinate and CoA to form succinyl-CoA.
Abbreviation	Recombinant Human SUCLG2 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q96I99
Alias	GTP-specific succinyl-CoA synthetase subunit beta; Succinyl-CoA synthetase beta-G chain ;SCS-betaG
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSDNGVRVQRFFVADTANEALEAAKRLNAKEIVLKAQILAGGRGKGVFNGLK GGVHLTKDPNVVGGQLAKQMIGYNLATKQTPKEGVKVNKVMVAEALDISRETYL AILMDRSCNGPVLVGSPQGGVDIEEVAASNPELIFKEQIDIFEGIKDSQAQRMA ENLGFVGPLKSQAADQITKLYNLFLKIDATQVEVNPFGETPEGQVVCFDAKINF DDNAEFRQKDIFAMDDKSENEPIENEAAKYDLKYIGLDGNIACFVNGAGLAMAT CDIIFLNGGKPANFLDLGGGVKEAQVYQAFKLLTADPKVEAILVNIFGGIVNCAII ANGITKACRELELKVPLVVRLEGTVNQEAQKILNNSGLPITSAIDLEDAAK
Research Area	Metabolism
Source	E.coli
Target Names	SUCLG2
Expression Region	49-423aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	56.3kDa
Protein Length	Partial

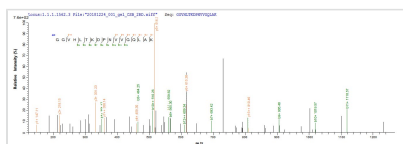
Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP846636HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) SUCLG2.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP846636HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) SUCLG2.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.