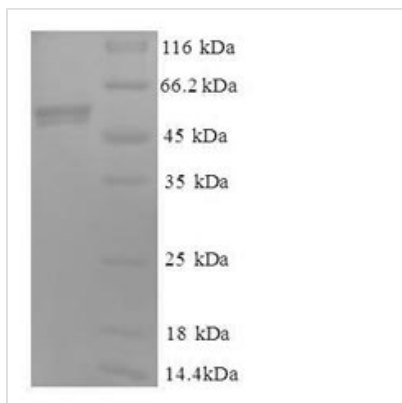




Recombinant Human Cytochrome c1, heme protein, mitochondrial (CYC1)

Product Code	CSB-EP006327HU
Relevance	This is the he-containing component of the cytochrome b-c1 complex, which accepts electrons from Rieske protein and transfers electrons to cytochrome c in the mitochondrial respiratory chain.
Abbreviation	Recombinant Human CYC1 protein
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.	P08574
Alias	Complex III subunit 4Complex III subunit IVCytochrome b-c1 complex subunit 4Ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit ;Cytochrome c-1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SDLELHPPSYPWSHRGLLSSLDHTSIRRGFQVYKQVCASCHSMDFVAYRHLV GVCYTEDEAKELAAEVEVQDGPNEDEGEMFMRPGKLFDYFPKPYPNSEAARA ANNALPPDLSYIVRARHGGEDYVFSLLTGYCEPPTGVSLREGLYFNPFPGQ AIAMAPPIYTDVLEFDDGTPATMSQIAKDVCTFLRWASEPEHDHRKRMGLKML MMMALLVPLVYTIKRHKWSVLKSRKLAYRPPK
Research Area	Transport
Source	E.coli
Target Names	CYC1
Expression Region	85-325aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	54.4kDa
Protein Length	Full Length of Mature Protein
Image	



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

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.