



Recombinant Human Propionyl-CoA carboxylase alpha chain, mitochondrial (PCCA)

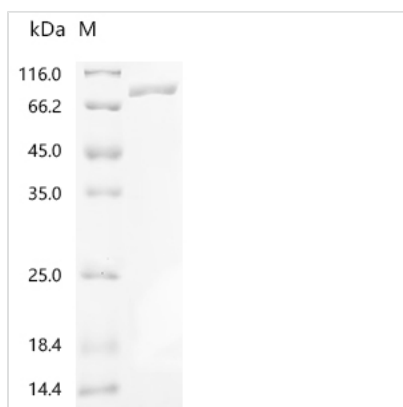
Product Code	CSB-EP017522HU
Abbreviation	Recombinant Human PCCA protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P05165
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant Human Propionyl-CoA carboxylase alpha chain, mitochondrial (PCCA)
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	<p> SVGYDPNEKTFDKILVANRGEIACRVIRTCKKMGIKTVAIHSDVDASSVHVKMA DEAVCVGPAPTSKSYLNMDAIMEAIAIKKTRAQAVHPGYGFLSENKEFARCLAAE DVVFIGPDTHAIQAMGDKIESKLLAKKAENVNTIPGFDGVVKDAEEAVRIAREIGY PVMIKASAGGGGKGMRIAWDDEETRDGFRSSQEAASSFGDDRLLIEKFIDNP RHIEIQVLGDKHGNALWLNERECSIQRNPKVVEEAPSIFLDAETRRAMGEQA VALARAVKYSSAGTVEFLVDSKKNFYFLEMNTRLQVEHPVTECITGLDLVQEMI RVAKGYPLRHKQADIRINGWAVECRVYAEDPYKSFGLPSIGRLSQYQEPLHLP GVRVDSGIQPGSDISIIYDPMISKLITYGSDRTEALKRMADALDNYVIRGVTHNI ALLREVIINSRFVKGDISTKFLSDVYPDGFKGHMLTKSEKNQLLAIASSLFVAFQ LRAQHFQENSRMPVIKPDIANWELSVKLHDKVHTVVASNNGSVFSVEVDGSKL NVTSTWNLASPLLSVSDGTQRTVQCLSREAGGNMSIQFLGTVYKVNILTRLA AELNKFMLEKVTEDTSSVLRSPMPGVVVAVSVKPGDAVAEGQEICVIEAMKMQ NSMTAGKTGTVKSVHCQAGDTVGEGLLVELE </p>
Research Area	Metabolism
Source	E.coli
Target Names	PCCA
Expression Region	53-728aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged



Mol. Weight 81.2 kDa

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.