

Recombinant Human PPCS protein, His-tagged

Cat. No. PPCS-1877H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPCS protein(1-311 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-311 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MAEMDPVAEFPQPPGAARWAEVMARFAARLGAQGRRVVLVTSGGTKVPLEARPV RFLDNFSSGRRGATSAEAFLAAGYGVFLYRARSAPFYAHRFPQTWLSALRPSGP ALSGLLSLEAEENALPGFAEALRSYQEAAGTFLAVEFTTLADYLHLLQAAAQALNP LGPSAMFYLA AVSDFYVPVSEMPEHKIQSSGGPLQITMKMVPKLLSPLVKDWAPK AFIISFKLETDP AIVINRARKALEIYQH QVVVANILESRQSFVIVTKDSETKLLLSEEEIE KGVEIEEKIVDNLQSRHTAFIGDRN
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name PPCS phosphopantothenoylcysteine synthetase [Homo sapiens]

Official Symbol PPCS

Synonyms PPCS; phosphopantothenoylcysteine synthetase; phosphopantothenate--cysteine ligase; FLJ11838; PPC synthetase; RP11-163G10.1; MGC117357; MGC138220;

Gene ID 79717

mRNA Refseq NM_001077447

Protein Refseq NP_001070915

MIM 609853

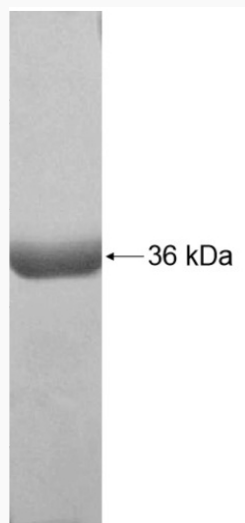
UniProt ID Q9HAB8

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

SDS-PAGE



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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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