9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2708: PPCS Recombinant Protein

Alternative Name : Phosphopantothenate--cysteine ligase,Phosphopantothenoylcysteine synthetase,PPC synthetase,PPCS,COAB,RP11-163G10.1.

Description

Source : Escherichia Coli. PPCS produced in E.Coli is a single, non-glycosylated polypeptide chain containing 331 amino acids (1-311 a.a.) and having a molecular mass of 36.1kDa.PPCS is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Phosphopantothenate-cysteine ligase (PPCS) catalyzes the first step in the biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5), which is a vital universal pathway in prokaryotes and eukaryotes. PPCS, being one of the last enzymes in this pathway, converts phosphopantothenate to phosphopantothenoylcysteine.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	PPCS protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.
Storage condition :	PPCS Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAEMDPVAEF PQPPGAARWA EVMARFAARL GAQGRRVVLV TSGGTKVPLE ARPVRFLDNF SSGRRGATSA EAFLAAGYGV LFLYRARSAF PYAHRFPPQT WLSALRPSGP ALSGLLSLEA EENALPGFAE ALRSYQEAAA AGTFLAVEFT TLADYLHLLQ AAAQALNPLG PSAMFYLAAA VSDFYVPVSE MPEHKIQSSG GPLQITMKMV PKLLSPLVKD WAPKAFIISF KLETDPAIVI NRARKALEIY QHQVVVANIL ESRQSFVFIV TKDSETKLLL SEEEIEKGVE IEEKIVDNLQ SRHTAFIGDR N.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.