

## Phosphopantothenoylcysteine Synthetase Human Recombinant

<b>Item Number</b>	rAP-1857
<b>Synonyms</b>	Phosphopantothenate--cysteine ligase, Phosphopantothenoylcysteine synthetase, PPC synthetase, PPCS, COAB, RP11-163G10.1.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	Q9HAB8
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MAEMDPVAEF QPPGAARWA EVMARFAARL GAQGRRVVLV TSGGTKVPLE ARPVRFLDNF SSGRRGATSA EAFLAAGYGV LFLYRARSFA PYAHRFPPT WLSALRPSGP ALSGLLSLEA EENALPGFAE ALRSYQEAAA AGTFLAVEFT TLADYLHLLQ AAAQAL- NPLG PSAMFYLAAA VSDFYVPVSE MPEHKIQSSG GPLQITMKMV PKLLSPLVKD WAPKAFIISF KLETDAIVI NRARKALEIY QHQVVANIL ESRQSFVIV TKDSETKLLL SEEEIEKGV EIEKIVDNLQ SRHTAFIGDR N.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. PPCS Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Formulation and Purity</b>	PPCS protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**