

## Phosphopantethenoylcysteine Decarboxylase Human Recombinant

<b>Item Number</b>	rAP-0964
<b>Synonyms</b>	FLJ14585, PPC-DC, MDS018, COAC, CoaC, Phosphopantethenoylcysteine Decarboxylase.
<b>Description</b>	PPCDC produced in E.Coli is a single, non-glycosylated polypeptide chain containing 224 amino acids (1-204a.a.) and having a molecular mass of 24.6kDa. PPCDC is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q96CD2
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MEPKASCPAA APLMERKFHV LVGVTGSVA LKLPLLVSKL LDIPGLEVAV VTERAKHFY SPQDIPVTLY SDAEWEMWK SRSDPVLHID LRRWADLLLV APL-DANTLGK VASGICDNLL TCVMRAWDRS KPLLFCPAMN TAMWEHPITA QQVDQLKAFG YVEIPCVAKK LVCGDEGLGA MAEVGTIVDK VKEVLFQHSG FQQS
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. &nbsp; Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
<b>Formulation and Purity</b>	The PPCDC protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer(pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol. Greater than 95% 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 end users! This product is sold for **Research Use Only**