

PPCDC 抗原（重组蛋白）

中文名称：PPCDC 抗原（重组蛋白）

英文名称：PPCDC Antigen (Recombinant Protein)

别名：phosphopantothenoylcysteine decarboxylase; coaC; MDS018; PPC-DC

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 1-204 amino acids of human PPCDC

技术规格：

Full name:	phosphopantothenoylcysteine decarboxylase
Synonyms:	coaC; MDS018; PPC-DC
Swissprot:	Q96CD2
Gene Accession:	BC014409
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. PPC DC (EC 4.1.1.36), one of the last enzymes in this pathway, converts phosphopantothenoylcysteine to 4-prime-phosphopantetheine (Daugherly et al., 2002 [PubMed 11923312]).