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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PPCDC (Human) Recombinant Protein

Catalog Number: P9598

Regulation Status: For research use only (RUO)

Product Description: Human PPCDC (Q96CD2, 1 a.a. - 204 a.a.) full recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHMEPKASCPAAAPLMER
KFHVLVGVGTGSVAALKLPLLVSLLDIPGLEVAVVTTTER
AKHFYSPQDIPVTLYSDADEWEMWKSRSDPVLHIDLR
RWADLLLVAPLDANTLGKVASGICDNLTCVMRAWDR
SKPLLFCPAMNTAMWEHPITAQQVDQLKAFGYVEIPC
VAKKLVCGDEGLGAMAIEVGTIVDKVKEVLFGHSGFQQ

Host: *Escherichia coli*

Theoretical MW (kDa): 24.6

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression system

Purity: > 90.0% by SDS-PAGE

Recommend Usage: Biological Activity

SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: In 20mM Tris-HCl pH 8.0 (0.1 M NaCl, 1 mM DTT and 10% glycerol)

Storage Instruction: Store at 2°C to 8°C for 1 week.

For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 60490

Gene Symbol: PPCDC

Gene Alias: FLJ14585, MDS018

Gene Summary: Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. PPCDC (EC 4.1.1.36), one of the last enzymes in this pathway, converts phosphopantothencysteine to 4-prime-phosphopantetheine (Daugherty et al., 2002 [PubMed 11923312]).[supplied by OMIM]