

Product datasheet for TP720225L

PPCDC (NM_021823) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Recombinant protein of human phosphopantothenoylcysteine decarboxylase (PPCDC) Species: Human E. coli **Expression Host:** Met1-Ser204 **Expression cDNA Clone** or AA Sequence: N-His Tag: Predicted MW: 24.6 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl Endotoxin: < 0.1 EU per µg protein as determined by LAL test Store at -80°C. Storage: Stability: Stable for at least 3 months from date of receipt under proper storage and handling conditions. NP 068595 **RefSeq:** Locus ID: 60490 **UniProt ID:** Q96CD2 Cytogenetics: 15q24.2 Synonyms: coaC; MDS018; PPC-DC 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 phosphopantothenovlcysteine to 4-prime-phosphopantetheine (Daugherty et al., 2002 [PubMed 11923312]).[supplied by OMIM, Mar 2008] Metabolic pathways, Pantothenate and CoA biosynthesis **Protein Pathways:**

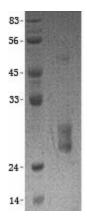


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