

Recombinant Rat Ppcdc Protein, His-tagged

Cat. No. Ppcdc-1965R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ppcdc Protein (Met1-Ser242) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Ser242
Description	Predicted to enable FMN binding activity; identical protein binding activity; and phosphopantothienoylcysteine decarboxylase activity. Predicted to be involved in coenzyme A biosynthetic process. Predicted to be part of phosphopantothienoylcysteine decarboxylase complex. Orthologous to human PPCDC (phosphopantothienoylcysteine decarboxylase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.3 kDa Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Ppcdc phosphopantothenoylcysteine decarboxylase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Ppcdc

Synonyms

PPCDC; phosphopantothenoylcysteine decarboxylase; RGD1306267;

Gene ID

363069

mRNA Refseq

NM_001108763

Protein Refseq

NP_001102233

UniProt ID

D3ZZZ5

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