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 phosphopantothenoylcysteine decarboxylase activity. Predicted to be involved in coenzyme A biosynthetic process. Predicted to be part of phosphopantothenoylcysteine decarboxylase complex. Orthologous to human PPCDC (phosphopantothenoylcysteine 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA