Recombinant Mouse Pcyt1b Protein, His-tagged

Cat. No. Pcyt1b-1929M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pcyt1b Protein (His62-Thr295) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	His62-Thr295
Description	Enables choline-phosphate cytidylyltransferase activity. Involved in CDP-choline pathway. Acts upstream of or within ovarian follicle development and spermatogenesis. Predicted to be located in endoplasmic reticulum. Is expressed in several structures, including alimentary system; heart; nervous system; respiratory system; and sensory organ. Orthologous to human PCYT1B (phosphate cytidylyltransferase 1B, choline).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.7 kDa Accurate Molecular Mass: 27&31 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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	Pcyt1b phosphate cytidylyltransferase 1, choline, beta isoform [Mus musculus (house mouse)]
Official Symbol	Pcyt1b
Synonyms	PCYT1B; phosphate cytidylyltransferase 1, choline, beta isoform; choline-phosphate cytidylyltransferase B; CT B; CCT B; CCT-beta; phosphorylcholine transferase B; CTP:phosphocholine cytidylyltransferase B; CTTbeta; AW045697;
Gene ID	236899
mRNA Refseq	NM_177546
Protein Refseq	NP_808214
UniProt ID	Q811Q9

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