

Recombinant Mouse Pcyt1b Protein, Myc/DDK-tagged

Cat. No. Pcyt1b-4725M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphate cytidylyltransferase 1, choline, beta isoform (Pcyt1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the key rate-limiting step in the CDP-choline pathway for phosphatidylcholine biosynthesis. Plays an important role in ovary maturation and the maintenance of sperm production.
Molecular Mass	41.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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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_211138
Protein Refseq	NP_997593
UniProt ID	Q811Q9

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