Recombinant Human PCYT1B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PCYT1B-6364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PCYT1B MS Standard C13 and N15-labeled recombinant protein (NP_004836) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the cytidylyltransferase family. It is involved in the regulation of phosphatidylcholine biosynthesis. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	41.8 kDa
AA Sequence	MPVVTTDAESETGIPKSLSNEPPSETMEEIEHTCPQPRLTLTAPAPFADETNCQCQA PHEKLTIAQARLGTPADRPVRVYADGIFDLFHSGHARALMQAKTLFPNSYLLVGVCS DDLTHKFKGFTVMNEAERYEALRHCRYVDEVIRDAPWTLTPEFLEKHKIDFVAHDDI PYSSAGSDDVYKHIKEAGMFVPTQRTEGISTSDIITRIVRDYDVYARRNLQRGYTAKE LNVSFINEKRYRFQNQVDKMKEKVKNVEERSKEFVNRVEEKSHDLIQKWEEKSREFI GNFLELFGPDGAWKQMFQERSSRMLQALSPKQSPVSSPTRSRSPSRSPSPTFSWL PLKTSPPSSPKAASASISSMSEGDEDEKTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

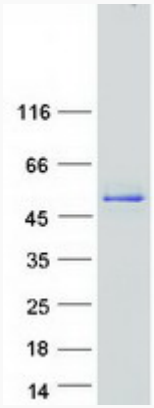
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PCYT1B phosphate cytidylyltransferase 1, choline, beta [Homo sapiens (human)]
Official Symbol	PCYT1B
Synonyms	PCYT1B; phosphate cytidylyltransferase 1, choline, beta; phosphate cytidylyltransferase 1, choline, beta isoform; choline-phosphate cytidylyltransferase B; CCT beta; CTB; CT B; CCT B; CCT-beta; phosphorylcholine transferase B; CTP:phosphocholine cytidylyltransferase b; CCTB;
Gene ID	9468
mRNA Refseq	NM_004845
Protein Refseq	NP_004836
MIM	604926
UniProt ID	Q9Y5K3

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SDS-PAGE	

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