

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 cytidyltransferase 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	MPVVTDAESETGIPKSLSNEPPSETMEEIEHTCPQPRLTLTAPAPFADETNCQCQA PHEKLTIAQARLGTPADRPVRVYADGIFDLFHSGHARALMQAKTLFPNSYLLVGVC DDLTHKFKGFTVMNEAERYEALRHCRYVDEVIRDAPWTLTPEFLEKHKIDFVAHDDI PYSSAGSDDVYKHIKEAGMFVPTQRTEGISTSDIITRIVRDYDVYARRNLQRGYTAKE LNVSFINEKRYRFQNQVDKMKKEKVKNVEERSKEFVNRVEEKSHDLIQKWEESREFI GNFLELFGPDGAWKQMFQERSRMLQALSPKQSPVSSPTRSRSPSRSPSPTFSWL PLKTSPSPSPAASASISSMSEGDEDEKTRTRPLEQKLISEEDLAANDILDYKDDDDK 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.

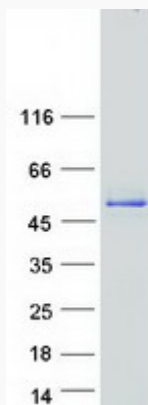
GENE INFORMATION

Gene Name	PCYT1B phosphate cytidyltransferase 1, choline, beta [Homo sapiens (human)]
Official Symbol	PCYT1B
Synonyms	PCYT1B; phosphate cytidyltransferase 1, choline, beta; phosphate cytidyltransferase 1, choline, beta isoform; choline-phosphate cytidyltransferase B; CCT beta; CTB; CT B; CCT B; CCT-beta; phosphorylcholine transferase B; CTP:phosphocholine cytidyltransferase 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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