

Recombinant Human PCYT2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PCYT2-2687H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PCYT2 MS Standard C13 and N15-labeled recombinant protein (NP_002852) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an enzyme that catalyzes the formation of CDP-ethanolamine from CTP and phosphoethanolamine in the Kennedy pathway of phospholipid synthesis. Alternative splicing results in multiple transcript variants.
Molecular Mass	43.7 kDa
AA Sequence	MIRNGRGAAGGAEQPGPGRRRAVRVWCDGCMVHYGHSNQLRQARAMGDYLI VGVHTDEEIAKHKGPPVFTQEERYKMQAIKWDEVVPAAPYVTTLETLDKYNCDF CVHGNDITLTVDGRDYEYEVKQAGRYRECKRTQGVSTTDLVGRMLLVTKAHHSSQE MSSEYREYADSF GKCPGGRNPWTGVSQFLQTSQKIIQFASGKEPQPGETVIYVAGA FDLFHIGHVDFLEKVRHLAERPHIIAGLHFDQEVNHYKGKNYPIMNLHERTLSVLACR YVSEVVIGAPYAVTAELLSHFKVDLVCHGKTEIIPDRDGS DPYQEPKRRGIFRQIDSG SNLTTDLIVQRIITNRLEYEARNQKKEAKELAFLEAARQQAAQPLGERDGDFTTRPL EQKLISEEDLAANDILDYKDDDDKV
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.

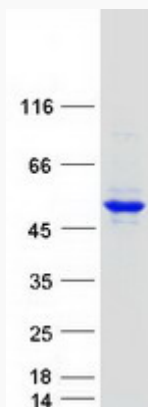
GENE INFORMATION

Gene Name	PCYT2 phosphate cytidylyltransferase 2, ethanolamine [Homo sapiens (human)]
Official Symbol	PCYT2
Synonyms	PCYT2; phosphate cytidylyltransferase 2, ethanolamine; ethanolamine-phosphate cytidylyltransferase; ET; phosphorylethanolamine transferase; CTP:phosphoethanolamine cytidylyltransferase;
Gene ID	5833
mRNA Refseq	NM_002861
Protein Refseq	NP_002852
MIM	602679
UniProt ID	Q99447

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SDS-PAGE

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