Recombinant Human PCYT1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PCYT1A-3665H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PCYT1A MS Standard C13 and N15-labeled recombinant protein (NP_005008) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the cytidylyltransferase family and is involved in the regulation of phosphatidylcholine biosynthesis. Mutations in this gene are associated with spondylometaphyseal dysplasia with cone-rod dystrophy. Alternatively spliced transcript variants have been found for this gene.
Molecular Mass	41.6 kDa
AA Sequence	MDAQCSAKVNARKRRKEAPGPNGATEEDGVPSKVQRCAVGLRQPAPFSDEIEVDF SKPYVRVTMEEASRGTPCERPVRVYADGIFDLFHSGHARALMQAKNLFPNTYLIVGV CSDELTHNFKGFTVMNENERYDAVQHCRYVDEVVRNAPWTLTPEFLAEHRIDFVAH DDIPYSSAGSDDVYKHIKEAGMFAPTQRTEGISTSDIITRIVRDYDVYARRNLQRGYT AKELNVSFINEKKYHLQERVDKVKKKVKDVEEKSKEFVQKVEEKSIDLIQKWEEKSR EFIGSFLEMFGPEGALKHMLKEGKGRMLQAISPKQSPSSSPTRERSPSPSFRWPFS GKTSPPCSPANLSRHKAAAYDISEDEEDTRTRPLEQKLISEEDLAANDILDYKDDDDK V	
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

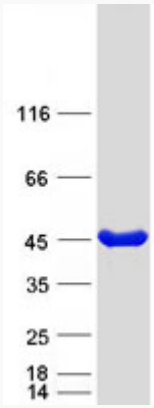
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PCYT1A phosphate cytidylyltransferase 1, choline, alpha [Homo sapiens (human)]
Official Symbol	PCYT1A
Synonyms	PCYT1A; phosphate cytidylyltransferase 1, choline, alpha; PCYT1, phosphate cytidylyltransferase 1, choline, alpha isoform; choline-phosphate cytidylyltransferase A; CT; CTPCT; phosphate cytidylyltransferase 1; choline; alpha isoform; CT A; CCT A; CCT-alpha; phosphorylcholine transferase A; CTP:phosphocholine cytidylyltransferase A; CTA; CCTA; PCYT1;
Gene ID	5130
mRNA Refseq	NM_005017
Protein Refseq	NP_005008
MIM	123695
UniProt ID	P49585

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SDS-PAGE



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