

Recombinant Human PCYT1A

Cat. No. PCYT1A-29484TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PCYT1A with N terminal proprietary tag; Predicted MW 66.44 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	367 amino acids
Molecular Weight	66.440kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MDAQCSAKVNARKRRKEAPGPNGATEEDGVPSKVQRCAVG LRQPAPFSDEIEVDF SKPYVRVTMEEASRGTPCERPVRVY ADGIFDLFHSGHARALMQAKNLPNTYLIVG VCSDELTHN FKGFTVMNENERYDAVQHCRYVDEVVRNAPWTLTPEFLAE HRIDFV AHDDIPYSSAGSDDVYKHIKEAGMFAPTQRTEGI STSDIITRIVRDYDVYARRNLQRG YTAKELNVSFINEKKY HLQERVDKVKKKVKDVEEKSKEFVQKVEEKSIDLIQKWEE K

 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

SREFIGSFLEMFGPEGALKHMLKEGKGRMLQAISPKQSP SSSPTRERSPPSPSFRWP
FSGKTSPPCSPANLSRHKAAAYD ISEDEED

Sequence
Similarities Belongs to the cytidylyltransferase family.

GENE INFORMATION

Gene Name PCYT1A phosphate cytidylyltransferase 1, choline, alpha [Homo sapiens]

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;

Gene ID 5130

mRNA Refseq NM_005017

Protein Refseq NP_005008

MIM 123695

Uniprot ID P49585

Chromosome Location 3q29

Pathway Acetylcholine Synthesis, organism-specific biosystem; Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;

 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

Phosphatidylcholine (PC) biosynthesis, choline =>

Function

choline-phosphate cytidyltransferase activity; lipid binding; nucleotidyltransferase activity; transferase activity;

 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