

Recombinant Full Length Human PCYT1A Protein

Cat. No. PCYT1A-364HF **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	In Vitro Cell Free System
ProteinLength	367 amino acids
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.
Form	Liquid
Molecular Mass	66.440kDa inclusive of tags
AA Sequence	MDAQCSAKVNARKRRKEAPGPNGATEEDGVPSKVQRC AVG LRQPAPFSDEIEVDF SKPYVRVTMEEASRGTPCERPVRVY ADGIFDLFHS GHARALMQAKNLPNTYLIVG VCSDELTHN FKGFTVMNENERYDAVQHCRYVDEVVRNAPWTLTPEFLAE HRIDFV AHDDIPYSSAGSDDVYKHIKEAGMFAPTQRTEGI STSDIITRIVRDYDVYARRNLQRG YTAKELNVSFINEKKY HLQERV DKKVKKVDVEEKSKEFVQKVEEKSIDLIQKWEE K SREFIGSFLEMFGPEGALKHMLKEGKGRMLQAISPKQSP SSSPTRERSPPSPSFRWP FSGKTSPPCSPANLSRHKAAAYD ISEDEED

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	PCYT1A phosphate cytidyltransferase 1, choline, alpha [Homo sapiens]
Official Symbol	PCYT1A
Synonyms	PCYT1A; phosphate cytidyltransferase 1, choline, alpha; PCYT1, phosphate cytidyltransferase 1, choline, alpha isoform; choline-phosphate cytidyltransferase A; CT; CTPCT; phosphate cytidyltransferase 1; choline; alpha isoform
Gene ID	5130
mRNA Refseq	NM_005017
Protein Refseq	NP_005008
MIM	123695
UniProt ID	P49585

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