

Recombinant Full Length Human PCYT1A Protein, C-Flag-tagged

Cat. No. PCYT1A-549HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PCYT1A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene belongs to the cytidyltransferase 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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	41.6 kDa
AA Sequence	MDAQCSAKVNARKRRKEAPGPNNGATEEDGVPSKVQRCVGLRQPAPFSDEIEVDF SKPYVRVTMEEASRG TPCERPVRVYADGIFDLFHS GHARALMQAKNLPNTYLIVG VCSDELTHNFKGFTVMNENERYDAVQHCR YVDEVVRNAPWTLTPEFLAEHRIDFV AHDDIPYSSAGSDDVYKHIKEAGMFAPTQRTEGISTSDIITRIV RDYDVYARRNLQRG YTAKELNVSFINEKKYHLQERV DKKVKKVDVEEKSKEFVQKVEEKSIDLIQKWEE K SREFIGSFLEMFGPEGALKHMLKEGKGRMLQAISPKQSPSSSPTRERSPPSPSFRWP FSGKTSPPCSPAN LSRHKAAAYDISEDEEDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Glycerophospholipid metabolism, Metabolic pathways
Full Length	Full L.

GENE INFORMATION

Gene Name	PCYT1A phosphate cytidyltransferase 1A, choline [Homo sapiens (human)]
Official Symbol	PCYT1A
Synonyms	CT; CTA; CCTA; CTPCT; PCYT1; SMDCRD; CCTalpha
Gene ID	5130
mRNA Refseq	NM_005017.4
Protein Refseq	NP_005008.2
MIM	123695

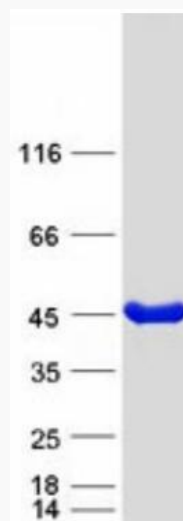
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UniProt ID

P49585



Coomassie blue staining of purified PCYT1A protein.

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