

Recombinant Human PCYT1A

Cat. No. PCYT1A-29486TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human PCYT1A with N terminal proprietary tag; Predicted MW 35.42kDa.
Species	Human
Source	Wheat Germ
ProteinLength	89 amino acids
Molecular Weight	35.420kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	DAQCSAKVNARKRRKEAPGPNNGATEEDGVPSKVQRCVGLRQPAPFSDEIEVDFS KPYVRVTMEEASRGTPCERPVRVYADGIFDLFHS
Sequence Similarities	Belongs to the cytidylyltransferase family.

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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
Chromosome Location	3q29
Pathway	Acetylcholine Synthesis, organism-specific biosystem; Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Phosphatidylcholine (PC) biosynthesis, choline =>
Function	choline-phosphate cytidyltransferase activity; lipid binding; nucleotidyltransferase activity; transferase activity;

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