Human PCYT2 peptide (DAG-P1022)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an enzyme that catalyzes the formation of CDP-ethanolamine from CTP and phosphoethanolamine in the Kennedy pathway of phospholipid synthesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
Specificity	Strongest expression in liver, heart, and skeletal muscle.
Purity	> 90 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	Neut
Sequence Similarities	Belongs to the cytidylyltransferase family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	PCYT2 phosphate cytidylyltransferase 2, ethanolamine [Homo sapiens (human)]
Official Symbol	PCYT2
Synonyms	PCYT2; phosphate cytidylyltransferase 2, ethanolamine; ET; ethanolamine-phosphate cytidylyltransferase; phosphorylethanolamine transferase; CTP:phosphoethanolamine cytidylyltransferase;
Entrez Gene ID	5833

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mRNA Refseq	NM_001184917.2
Protein Refseq	NP_001171846.1
UniProt ID	Q99447
Chromosome Location	17q25.3
Pathway	Glycerophospholipid biosynthesis, organism-specific biosystem; Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Phosphatidylethanolamine (PE) biosynthesis, ethanolamine => PE, organism-specific biosystem; Phosphatidylethanolamine (PE) biosynthesis, ethanolamine => PE, conserved biosystem; Phospholipid metabolism, organism-sp
Function	ethanolamine-phosphate cytidylyltransferase activity;

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