

Product datasheet for AR50173PU-N

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OriGene Technologies, Inc.

PCYT2 (1-389, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: PCYT2 (1-389, His-tag) human recombinant protein, 50 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MIRNGRGAAG GAEQPGPGGR RAVRVWCDGC YDMVHYGHSN

QLRQARAMGD YLIVGVHTDE EIAKHKGPPV FTQEERYKMV QAIKWVDEVV PAAPYVTTLE TLDKYNCDFC VHGNDITLTV DGRDTYEEVK QAGRYRECKR TQGVSTTDLV GRMLLVTKAH HSSQEMSSEY REYADSFGKC PGGRNPWTGV SQFLQTSQKI IQFASGKEPQ PGETVIYVAG

AFDLFHIGHV DFLEKVHRLA ERPYIIAGLH FDQEVNHYKG KNYPIMNLHE RTLSVLACRY VSEVVIGAPY AVTAELLSHF KVDLVCHGKT EIIPDRDGSD PYQEPKRRGI FRQIDSGSNL TTDLIVQRII TNRLEYEARN

QKKEAKELAF LEAARQQAAQ PLGERDGDF

Tag: His-tag
Predicted MW: 45.9 kDa
Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT,

0.1 mM PMSF

Preparation: Liquid purified protein

Protein Description: Recombinant human PCYT2 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001171846

Locus ID: 5833

UniProt ID: <u>Q99447</u>, <u>Q99447-3</u>





Cytogenetics: 17q25.3

Synonyms: ET; SPG82

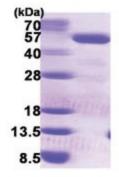
Summary: This gene encodes an enzyme that catalyzes the formation of CDP-ethanolamine from CTP

and phosphoethanolamine in the Kennedy pathway of phospholipid synthesis. Alternative

splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

Protein Pathways: Glycerophospholipid metabolism, Metabolic pathways

Product images:



15% SDS-PAGE (3ug)