

## Product datasheet for PH303994

### PCYT2 (NM\_002861) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PCYT2 MS Standard C13 and N15-labeled recombinant protein (NP_002852)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203994
Predicted MW:	43.7 kDa
Protein Sequence:	>RC203994 representing NM_002861 Red=Cloning site Green=Tags(s)  MIRNGRGAAGGAEQPGPGRRVRVWCDGDCYDMVHYGHSNQLRQARAMGDYLIIVGVHTDEEIAKHKGPPV FTQEERYKMQAIAIKWVDEVVPAAPYVTTLETLDKYNCDFCVHNDITLTVDGRDYEYEVKQAGRYECKR TQGVSTTDLVGRMLLVTKAHHSSQEMSSEYREYADSFQKCPGGRNPWTGVSQFLQTSQKIIQFASGKEPQ PGETVIYVAGAFDLFHIGHVDFLEKVVHRLAERPHIIAGLHFDQEVNHYKGNYPIMNLHERTLVSLACRY VSEVVIGAPYAVTAELLSHFKVDLVCHGKTEIIPDRDGSOPYQEPKRRGIFRQIDSGSNLTTDLIVQRRI TNRLEYEARNQKKEAKELAFLEAARQAAQPLGERDGDF  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002852</a>
RefSeq Size:	1856
RefSeq ORF:	1167
Synonyms:	ET; SPG82
Locus ID:	5833



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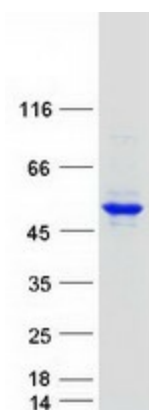
UniProt ID: [Q99447](#)

Cytogenetics: 17q25.3

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:



Coomassie blue staining of purified PCYT2 protein (Cat# [TP303994]). The protein was produced from HEK293T cells transfected with PCYT2 cDNA clone (Cat# [RC203994]) using MegaTran 2.0 (Cat# [TT210002]).