

## Product datasheet for **TP303994**

### PCYT2 (NM\_002861) Human Recombinant Protein

#### Product data:

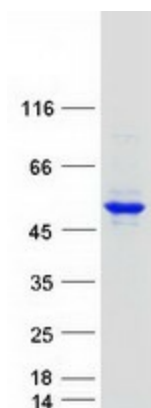
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phosphate cytidyltransferase 2, ethanolamine (PCYT2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203994 representing NM_002861 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MIRNGRGAAGGAEQPGPGRRRAVRVWCDGCYDMVHYGHSNQLRQARAMGDYLIVGVHTDEEIAKHKGPPV FTQEERYKMVQAIKWVDEVPAAPYVTTLETLDKYNCFVHGNDITLTVDGRDITYEEVKQAGRYRECKR TQGVSTTDLVGRMLLVTKAHHSSQEMSEYREYADSF GKCPGGRNPWTGVSQFLQTSQKIIQFASGKEPQ PGETVIYVAGAFDLFHIGHVDFLEKVRHLAERPHIIAGLHFDQEVNHYKGKNYPIMNLHERTLVSLACRY VSEWIGAPYAVTAELLSHFVLDLVCHGKTEIIPDRDGSDPYQEPKRRGIFRQIDSGSNLTTDLIVQRII TNRLEYEARNQKKEAKELAFLEAARQQAQPLGERDGD  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	43.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_002852</a>
Locus ID:	5833



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UniProt ID:	<a href="#">Q99447</a>
RefSeq Size:	1856
Cytogenetics:	17q25.3
RefSeq ORF:	1167
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:



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]).