

Product datasheet for **TP303994M**

PCYT2 (NM_002861) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phosphate cytidyltransferase 2, ethanolamine (PCYT2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203994 representing NM_002861 Red =Cloning site Green =Tags(s) MIRNGRGAAGGAEQPGPGRRRAVRVWCDGCYDMVHYGHSNQLRQARAMGDYLIVGVHTDEEIAKHKGPPV FTQEERYKMVQAIKWVDEVPAAPYVTTLETLDKYNCFVHGNDITLTVDGRDITYEEVKQAGRYRECKR TQGVSTTDLVGRMLLVTKAHHSSQEMSEYREYADSF GKCPGGRNPWTGVSQFLQTSQKIIQFASGKEPQ PGETVIYVAGAFDLFHIGHVDFLEKVRHLAERPHIIAGLHFDQEVNHYKGNYPIMNLHERTLVSLACRY VSEWIGAPYAVTAELLSHFVLDLVCHGKTEIIPDRDGSDPYQEPKRRGIFRQIDSGSNLTTDLIVQRII TNRLEYEARNQKKEAKELAFLEAARQQAQPLGERDGD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	NP_002852
Locus ID:	5833



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UniProt ID: [Q99447](#)

RefSeq Size: 1856

Cytogenetics: 17q25.3

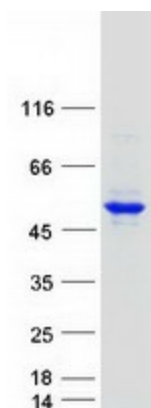
RefSeq ORF: 1167

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]).