

Product datasheet for **TP316978L**

PCYT1B (NM_004845) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phosphate cytidyltransferase 1, choline, beta (PCYT1B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216978 representing NM_004845 Red =Cloning site Green =Tags(s)

MPVVTDAESETGIPKLSNEPPSETMEEIEHTCPQPRLLTAPAPFADETNCQCQAPHEKLTIAQARLG
TPADRPVRVYADGIFDLFHSGHARALMQAKTLFPNSYLLVGVCSDDLTHKFKGFTVMNEAERYEALRHCR
YVDEVIRDAPWTLTPEFLEKHKIDFVAHDDIPYSSAGSDDVYKHIKEAGMFVPTQRTEGISTSDIITRIV
RDYDVYARRNLQRGYTAKELNVSFINEKRYRFQNQVDKMKKEVKKNVEERSKEFVNRVEEKSHDLIQKWE
KSREFIGNFLELFGPDGAWKQMFQERSRMLQALSPKQSPVSSPTRSRSPSRSPSPTFSWLPLKTSPSS
PKAASASISSMSEGDEDEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	41.8 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:	<u>NP_004836</u>
Locus ID:	9468



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UniProt ID: [Q9Y5K3](#)

RefSeq Size: 5447

Cytogenetics: Xp22.11

RefSeq ORF: 1107

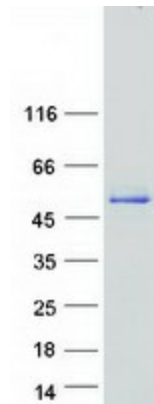
Synonyms: CCTB; CTB

Summary: The protein encoded by this gene belongs to the cytidyltransferase family. It is involved in the regulation of phosphatidylcholine biosynthesis. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Protein Families: Stem cell - Pluripotency

Protein Pathways: Glycerophospholipid metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified PCYT1B protein (Cat# [TP316978]). The protein was produced from HEK293T cells transfected with PCYT1B cDNA clone (Cat# [RC216978]) using MegaTran 2.0 (Cat# [TT210002]).