

Product datasheet for PH316978

PCYT1B (NM_004845) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PCYT1B MS Standard C13 and N15-labeled recombinant protein (NP_004836)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216978
Predicted MW:	41.8 kDa
Protein Sequence:	>RC216978 representing NM_004845 Red=Cloning site Green=Tags(s)
	MPVVTDAESETGIPKSLSEPPSETMEEIEHTCPQRLTLTAPAPFADETNCQCQAPHEKLTIAQARLG TPADRPVRVYADGIFDLFHSGHARALMQAKTLFPNSYLLVGVCSDDLTHKFKGFTVMNEAERYEALRHCR YVDEVIRDAPWTLTPEFLEKHKIDFVAHDDIPYSSAGSDDVYKHIKEAGMFVPTQRTEGISTSDIITRIV RDYDVYARRNLQRGYTAKELNVSFINEKRYRFQNVQDKMKEKVKVNEERSKEFVNRVEEKSHDLIQKWEE KSREFIGNFLELFGPDGAWKQMFQERSSRMLQALSPKQSPVSSPTRSRSPSRSPSPTFSWLPLKTSPPSS PKAASASISSMSEGDEDEK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_004836</u>
RefSeq Size:	5447
RefSeq ORF:	1107
Synonyms:	CCTB; CTB
Locus ID:	9468



[View online »](#)

UniProt ID: [Q9Y5K3](#)

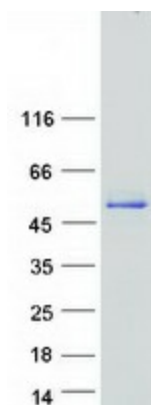
Cytogenetics: Xp22.11

Summary: The protein encoded by this gene belongs to the cytidylyltransferase 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]).