

Product datasheet for PH300883

CYBC1 (NM_001033046) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C17orf62 MS Standard C13 and N15-labeled recombinant protein (NP_001028218)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200883
Predicted MW:	20.8 kDa
Protein Sequence:	>RC200883 protein sequence Red=Cloning site Green=Tags(s) MYLQVETRTSSRLHLKRAPGIRSWLLVGILSIGLAAAYSGDSLGWKLFYVTGCLFVAVQNLEDWEEAI FDKSTGKVVLKTFSLYKLLTLFRAGHDQVVLLHDVRDVSVEEEKVRYFGKGYMVVLRLATGFSHPLTQ SAVMGHRSDVEAIAKLITSFLELHCLESPTELSQSSDSEAGDPASQS 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- 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:	NP_001028218
RefSeq Size:	2167
RefSeq ORF:	561
Synonyms:	C17orf62; CGD5; Eros
Locus ID:	79415
UniProt ID:	Q9BQA9 , A0A024R8W9



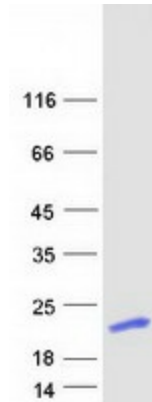
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Cytogenetics: 17q25.3

Summary: Necessary for a stable expression of the CYBA and CYBB subunits of the cytochrome b-245 heterodimer. Controls the phagocyte respiratory burst and is essential for innate immunity. [UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified CYBC1 protein (Cat# [TP300883]). The protein was produced from HEK293T cells transfected with CYBC1 cDNA clone (Cat# [RC200883]) using MegaTran 2.0 (Cat# [TT210002]).