

## Product datasheet for **TP300883M**

### **CYBC1 (NM\_001033046) Human Recombinant Protein**

#### **Product data:**

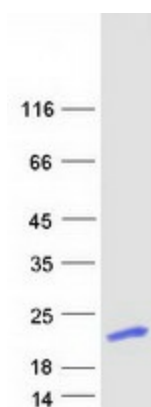
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human chromosome 17 open reading frame 62 (C17orf62), transcript variant 2, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC200883 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MYLQVETRTSSRLHLKRAPGIRSWSLLVGILSIGLAAAYSGDSLGWKLFYVTGCLFVAVQNLEDWEEAI FDKSTGKWLKTFSLYKLLTLFRAGHDQVWLLHDVRDVSVEEEKVRYFGKGYMVLRLATGFSHPLTQ SAVMGHRSDVEAIAKLITSFLELHCLESPTELSQSSDSEAGDPASQS
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	20.6 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_001028218</a></u>
<b>Locus ID:</b>	79415
<b>UniProt ID:</b>	<u><a href="#">Q9BQA9</a></u> , <u><a href="#">A0A024R8W9</a></u>



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RefSeq Size:	2167
Cytogenetics:	17q25.3
RefSeq ORF:	561
Synonyms:	C17orf62; CGD5; Eros
Summary:	Necessary for a stable expression of the CYBA and CYBB subunits of the cytochrome b-245 hetrodimer. 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]).