

Product datasheet for **TP300604L**

Cytochrome b5 Outer Mitochondrial Membrane (CYB5B) (NM_030579) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cytochrome b5 type B (outer mitochondrial membrane) (CYB5B), nuclear gene encoding mitochondrial protein, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200604 protein sequence Red =Cloning site Green =Tags(s) MATAEASGSDGKKGQEVETSVTYRLEEVAKRNSLKLWLVHGRVYDVTRFLNEHPGGEEVLLQAGVDA SESFEDVGHSSDAREMLKQYYIGDIHPSDLKPESGSKDPSKNDTCKSCWAYWILPIIGAVLLGFLYRYT SESKSS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	16.5 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_085056</u>
Locus ID:	80777



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UniProt ID: [O43169](#)

RefSeq Size: 4286

Cytogenetics: 16q22.1

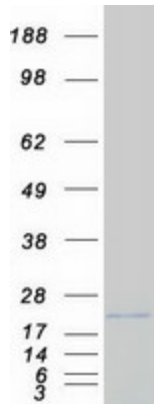
RefSeq ORF: 438

Synonyms: CYB5-M; CYPB5M; OMB5

Summary: Cytochrome b5 is a membrane-bound hemoprotein functioning as an electron carrier for several membrane-bound oxygenases.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified CYB5B protein (Cat# [TP300604]). The protein was produced from HEK293T cells transfected with CYB5B cDNA clone (Cat# [RC200604]) using MegaTran 2.0 (Cat# [TT210002]).