

Product datasheet for PH300604

Cytochrome b5 Outer Mitochondrial Membrane (CYB5B) (NM_030579) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CYB5B MS Standard C13 and N15-labeled recombinant protein (NP_085056)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200604
Predicted MW:	16.3 kDa
Protein Sequence:	>RC200604 protein sequence Red=Cloning site Green=Tags(s) MATAEASGSDGKGQEVETSVTYRLEEVAKRNSLKEWLVIHGRVYDVTRFLNEHPGGEEVLLLEQAGVDA SESFEDVGHSSDAREMLKQYYIGDIHPSDLKPESGSKDPSKNDTCKSCWAYWILPIIGAVLLGFLYRYT SESKSS 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_085056
RefSeq Size:	4286
RefSeq ORF:	438
Synonyms:	CYB5-M; CYPB5M; OMB5
Locus ID:	80777
UniProt ID:	O43169



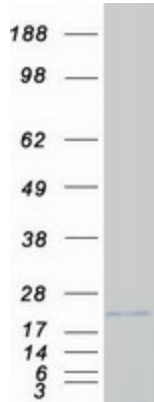
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Cytogenetics: 16q22.1

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]).