

## Product datasheet for PH305203

### CYB5R4 (NM\_016230) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CYB5R4 MS Standard C13 and N15-labeled recombinant protein (NP_057314)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205203
Predicted MW:	59.5 kDa
Protein Sequence:	>RC205203 protein sequence Red=Cloning site Green=Tags(s)

MLNVPSQSFAPRSQQRVASGGRSKVPLKQGRSLMDWIRLTKSGKDLTGLKGRLIEVTEEELKKNKDD  
CWICIRGFVYVSPYMEYHPGGEDELMRAAGSDGTELFDQVHRWVNYESMLKECLVGRMAIKPAVLKDYR  
EEEKVLNGLPKSQVDTLAKGSPSYDFWQTDLSVTIAIYTKQKDIINLDSIIVDHQNSFRAETII  
KDCLYLIIHIGLSHEVQEDFSVRVVEVSGKIEIVLQKKENTSWDFLGHPLKNHNSLIPRKDTGLYYRKCQL  
ISKEDVTHDTRLFCLMLPPSTHLQVPIGQHVYLKLPITGTEIVKPYTPVSGSLLSEFKPEVLPNNKYIYF  
LIKIYPTGLFTELDRLQIGDFVSVSSPEGNFKISKFQLEDFLLAAGTGFTPMVKILNYALTDIPSLR  
KVKLMFFNKTEDDIWRSQLEKLAFKDKRDLVEFVLSAPISEWNGKQGHISPALLSEFLKRNLDKSKVLV  
CICGPVPFTEQGVRLHDLNFSKNEIHSFTA

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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><a href="#">NP_057314</a></u>
RefSeq Size:	2259
RefSeq ORF:	1563



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**Synonyms:** cb5/cb5R; dj676j13.1; NCB5OR

**Locus ID:** 51167

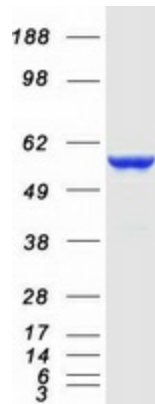
**UniProt ID:** [Q7L1T6](#)

**Cytogenetics:** 6q14.2

**Summary:** NCB5OR is a flavohemoprotein that contains functional domains found in both cytochrome b5 (CYB5A; MIM 613218) and CYB5 reductase (CYB5R3; MIM 613213) (Zhu et al., 1999 [PubMed 10611283]).[supplied by OMIM, Jan 2010]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified CYB5R4 protein (Cat# [TP305203]). The protein was produced from HEK293T cells transfected with CYB5R4 cDNA clone (Cat# [RC205203]) using MegaTran 2.0 (Cat# [TT210002]).