

## Product datasheet for **TP305203M**

### **CYB5R4 (NM\_016230) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human cytochrome b5 reductase 4 (CYB5R4), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC205203 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MLNVPSQSFAPRSQQRVASGGRSKVPLKQGRSLMDWIRLTKSGKDLTGLKGRLIEVTEEEELKKNKDD  
CWICIRGFVYNVSPYMEYHPGGEDELMRAAGSDGTELFQVHRWVNYESMLKECLVGRMAIKPAVLKDYR  
EEEKVLNGMLPKSQVTDTLAKEGPSYPSYDWFQTDLSLVTIAIYTKQKDIINLDSIIVDHQNSFRAETII  
KDCLYLIHIGLSHEVQEDFSVRVWESVGKIEIVLQKKENTSWDFLGHPLKNHNSLIPRKTGLYYRKCQL  
ISKEDVTHDTRLFCLMLPPSTHLQVPIGQHVYLKLPITGTEIVKPYTPVSGSLLSEFKEPVLPNNKYIYF  
LIKIYPTGLFPELDRLQIGDFVSVSSPEGNFKISKFQELEDLFLAAGTGFTPMVKILNYALTDIPSLR  
KVKLMFFNKTEDDIIWRSQLEKLAFKDKRLDVEFVLSAPISEWNGKQGHISPALLSEFLKRNLKSKVLV  
CICGPVPFTEQGVRLHDLNFSKNEIHSFTA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 59.3 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.



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RefSeq: [NP\\_057314](#)

Locus ID: 51167

UniProt ID: [Q7L1T6](#)

RefSeq Size: 2259

Cytogenetics: 6q14.2

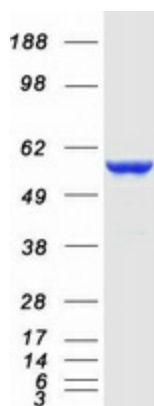
RefSeq ORF: 1563

Synonyms: cb5/cb5R; dj676j13.1; NCB5OR

**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]).