

Recombinant Human CYB5R4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CYB5R4-2838H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CYB5R4 MS Standard C13 and N15-labeled recombinant protein (NP_057314) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NCB5OR is a flavohemoprotein that contains functional domains found in both cytochrome b5 and CYB5 reductase.
Molecular Mass	59.5 kDa
AA Sequence	MLNVPSQSFPAPRSQQRVASGGRSKVPLKQGRSLMDWIRLTKSGKDLTGLKGRLE VTEEELKKHNKKDDCWICIRGFVYNVSPYMEYHPGGEDELMRAAGSDGTELFQV HRWVNYESMLKECLVGRMAIKPAVLKDYREEEEKVLNGMLPKSQVTDTLAKEGPSY PSYDWFQTDLSLVTIAIYTKQKDINLDSIIVDHQNDSFRAETIIKDCLYLIHIGLSHEVQED FSVRVSVSGKIEIVLQKKENTSWDFLGHPKLNHNSLIPRKDTGLYYRKCQLISKEDV THDTRLFCLMLPPSTHLQVPIGQHVYLKLPITGTEIVKPYTPVSGSLLSEFKEPVLNPN KYIYFLIKIYPTGLFTPELDRLQIGDFVSVSSPEGNFKISKFQELEDLFLAAGTGFTPM VKILNYALTDIPSLRKVKLMFFNKTEDDIWRSQLEKLAFKDKRLDVEFVLSAPISEWN GKQGHISPALLSEFLKRNLDSKSVLVCICGPVPFTEQGVRLHDLNFSKNEIHSFTAT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	CYB5R4 cytochrome b5 reductase 4 [Homo sapiens (human)]
Official Symbol	CYB5R4
Synonyms	CYB5R4; cytochrome b5 reductase 4; NADPH cytochrome B5 oxidoreductase, NCB5OR; b5+b5R; dJ676J13.1; flavohemoprotein b5+b5R; flavohemoprotein b5/b5R; NADPH cytochrome B5 oxidoreductase; cytochrome b-type NAD(P)H oxidoreductase; N-terminal cytochrome b5 and cytochrome b5 oxidoreductase domain-containing protein; NCB5OR; cb5/cb5R; RP4-676J13.1;
Gene ID	51167
mRNA Refseq	NM_016230
Protein Refseq	NP_057314
MIM	608343
UniProt ID	Q7L1T6

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