Recombinant Full Length Human CYB5R4 Protein, GST-tagged

Cat. No. CYB5R4-2385HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYB5R4 full-length ORF (NP_057314.2, 1 a.a. - 521 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	521 amino acids
Description	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]
Molecular Mass	85.9 kDa
AA Sequence	MLNVPSQSFPAPRSQQRVASGGRSKVPLKQGRSLMDWIRLTKSGKDLTGLKGRLIE VTEEELKKHNKKDDCWICIRGFVYNVSPYMEYHPGGEDELMRAAGSDGTELFDQV HRWVNYESMLKECLVGRMAIKPAVLKDYREEEKKVLNGMLPKSQVTDTLAKEGPSY PSYDWFQTDSLVTIAIYTKQKDINLDSIIVDHQNDSFRAETIIKDCLYLIHIGLSHEVQED FSVRVVESVGKIEIVLQKKENTSWDFLGHPLKNHNSLIPRKDTGLYYRKCQLISKEDV THDTRLFCLMLPPSTHLQVPIGQHVYLKLPITGTEIVKPYTPVSGSLLSEFKEPVLPNN KYIYFLIKIYPTGLFTPELDRLQIGDFVSVSSPEGNFKISKFQELEDLFLLAAGTGFTPM VKILNYALTDIPSLRKVKLMFFNKTEDDIIWRSQLEKLAFKDKRLDVEFVLSAPISEWN GKQGHISPALLSEFLKRNLDKSKVLVCICGPVPFTEQGVRLLHDLNFSKNEIHSFTA

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CYB5R4 cytochrome b5 reductase 4 [Homo sapiens]
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

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UniProt ID	Q7L1T6

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