

[Go to Product page](#)

Datasheet for ABIN1612404

**CYB5R4 Protein (AA 1-520) (His tag)**

## Overview

Quantity:	1 mg
Target:	CYB5R4
Protein Characteristics:	AA 1-520
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYB5R4 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MLNVPSQAFP APGSQQRVAS QGRSKVPLKQ GRSLMDWFRL TKSGKDFTGL KGGLIEVTEE ELKKHNKKDD CWICIRGFVY NVSPYMEYHP GGEDELMRAA GADGTDLFNE VHRWVNYESM LKECLVGRMA VKPAVPKDCH EGKRVNLGML PKSQVTDTLR REGPSSPSYD WFQTESSVTI VIYTKQKNIN LDSVIVDLQD DSLRAEAVIK DHSYLIHIGL SHEVQENFSV RVIENVGKIE IVLQKKETVS WKCLGDPLEK HDSFIPK KDT GLYYRQCQLI SKEDVTHDTR LFCLMLPPST HLQVPVGQHV YLKLSVTGAE IVKPYTPVSE SLLSDFKEPV LSPNKYIYFL IKIYPAGLFT PELDRLQIGD FVSVSGPEGN FKVSKLQ EVE DLFLAAGTG FTPMVTVLNH ALTHMSSLRK VKLMFFNKTE DDIIWRCQLE KLALKDKRFH VEYVLSAPSP EWNGKQGHVS RALLSEFLQR SLENSKVFLC ICGPTPFTDE GIRLLHDLNF SDDEIHGFTA
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

Purity: > 90 %

## Target Details

Target: CYB5R4

Abstract: [CYB5R4 Products](#)

Background: Recommended name: Cytochrome b5 reductase 4.  
EC= 1.6.2.2.  
Alternative name(s): Flavohemoprotein b5/b5R.  
Short name= b5+b5R N-terminal cytochrome b5 and cytochrome b5 oxidoreductase domain-containing protein cb5/cb5R

UniProt: [Q68EJ0](#)

Pathways: [Hormone Transport](#), [Carbohydrate Homeostasis](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

## Handling

---

Storage: -20 °C

---

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.