

Full-Length

## CYB5R2 (Human) Recombinant Protein (P01)

Catalog # H00051700-P01

Size 25 ug, 10 ug

### Applications



### Specification

|                                      |                                                                                                                                                                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human CYB5R2 full-length ORF ( AAH01346.1, 1 a.a. - 237 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                           |
| <b>Sequence</b>                      | MNSRRREPITLQDPEAKYPLPLIEKEKISHNTRRFRFGLPSPDHVLGLPVGNVQLLAKIDNELVVR<br>AYTPVSSDDDRGFVDLIKIYFKNVHPQYPEGGKMTQYLENMKIGETIFFRGPRGRLFYHGPGNLGIR<br>PDQTSEPKKTLADHLGMIAGGTGITPMLQLIRHITKDPSDRTRMSLIFANQTEEDILVRKELEEIARTH<br>PDQFDLWYTLDRPPIGPWSAEGATLLSNSAQFH |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                                                                                                                                                                   |
| <b>Theoretical MW (kDa)</b>          | 53.4                                                                                                                                                                                                                                                    |
| <b>Interspecies Antigen Sequence</b> | Mouse (76); Rat (77)                                                                                                                                                                                                                                    |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                                                                                                                                                                   |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                                                                                                                                                                       |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                                                                                                                                                             |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                         |

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — CYB5R2

|                     |                               |
|---------------------|-------------------------------|
| Entrez GeneID       | <a href="#">51700</a>         |
| GeneBank Accession# | <a href="#">BC001346.1</a>    |
| Protein Accession#  | <a href="#">AAH01346.1</a>    |
| Gene Name           | CYB5R2                        |
| Gene Alias          | B5R.2                         |
| Gene Description    | cytochrome b5 reductase 2     |
| Omim ID             | <a href="#">608342</a>        |
| Gene Ontology       | <a href="#">Hyperlink</a>     |
| Other Designations  | cytochrome b5 reductase b5R.2 |