

Full-Length

## PPP1R14D (Human) Recombinant Protein (P01)

Catalog # H00054866-P01

Size 50 ug

### Specification

|                                      |                                                                                                                                                           |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human PPP1R14D full-length ORF (BAA91037.1, 1 a.a. - 145 a.a.) recombinant protein with GST-tag at N-terminal.                                            |
| <b>Sequence</b>                      | MLSSSPASCTSPSPDGENPCKKVHWASGRRRTSSTDSESKSHPDSSKIPRSRRPSRLTVKYDR<br>GQLQRWLEMEQWVDAQVQELFQDQATPSEPEIDLEALMDLSTEEQKTQLEAILGNCPRPTEAFI<br>SELLSQLKKLRRLSRPQK |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                                                                     |
| <b>Theoretical MW (kDa)</b>          | 42.9                                                                                                                                                      |
| <b>Interspecies Antigen Sequence</b> | Mouse (82); Rat (80)                                                                                                                                      |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                                                                     |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                                                                         |
| <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.                                                                                           |
| <b>Note</b>                          | 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 — PPP1R14D

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">54866</a>                                                                                                    |
| GeneBank Accession# | <a href="#">AK000258.1</a>                                                                                               |
| Protein Accession#  | <a href="#">BAA91037.1</a>                                                                                               |
| Gene Name           | PPP1R14D                                                                                                                 |
| Gene Alias          | CPI17-like, FLJ20251, GBPI-1, MGC119014, MGC119016                                                                       |
| Gene Description    | protein phosphatase 1, regulatory (inhibitor) subunit 14D                                                                |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                |
| Gene Summary        | O                                                                                                                        |
| Other Designations  | PKC-dependent PP1 inhibitory protein gut and brain phosphatase inhibitor 1 protein phosphatase 1, regulatory subunit 14D |