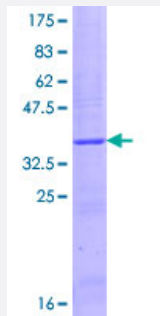


# CYFIP1 (Human) Recombinant Protein (Q01)

Catalog # H00023191-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                              |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human CYFIP1 partial ORF ( NP_055423.1, 735 a.a. - 819 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | GATIHLPSPNRYETLLKQRHVQLLGRSIDLNRLITQRVSAAMYKSLELAIGRFESEDLTSMVELDGLLE<br>INRMTHKLLSRYLTLD                    |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                        |
| <b>Theoretical MW (kDa)</b>          | 35.09                                                                                                        |
| <b>Interspecies Antigen Sequence</b> | Mouse (99); Rat (99)                                                                                         |
| <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.                                              |
| <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 — CYFIP1

|                     |                                                                    |
|---------------------|--------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">23191</a>                                              |
| GeneBank Accession# | <a href="#">NM_014608</a>                                          |
| Protein Accession#  | <a href="#">NP_055423.1</a>                                        |
| Gene Name           | CYFIP1                                                             |
| Gene Alias          | FLJ45151, P140SRA-1, SHYC, SRA1                                    |
| Gene Description    | cytoplasmic FMR1 interacting protein 1                             |
| Omim ID             | <a href="#">606322</a>                                             |
| Gene Ontology       | <a href="#">Hyperlink</a>                                          |
| Other Designations  | cytoplasmic FMRP interacting protein 1 selective hybridizing clone |

## Pathway

- [Regulation of actin cytoskeleton](#)

## Disease

- [Cognition](#)
- [Schizophrenia](#)