

## Recombinant Human CYFIP2 Protein, GST-tagged

**Cat. No.** CYFIP2-2229H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Human CYFIP2 full-length ORF ( AAH11762.1, 1 a.a. - 1253 a.a.) recombinant protein with GST-tag at N-terminal.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | Wheat Germ  |
| <b>Description</b>      | CYFIP2 (Cytoplasmic FMR1 Interacting Protein 2) is a Protein Coding gene. Diseases associated with CYFIP2 include Fragile X Syndrome and Amyotrophic Lateral Sclerosis 1. Among its related pathways are Innate Immune System and RET signaling. GO annotations related to this gene include chemokine activity. An important paralog of this gene is CYFIP1.   |
| <b>Molecular Mass</b>   | 163.35 kDa  |
| <b>AA Sequence</b>      | <p>MTTHVTLEDALSNVDLLEELPLPDQQPCIEPPPSSIMYQANFDTNFEDRNAFVTGIAR<br/> YIEQATVHSSMNEMLEEGHEYAVMLYTWRSRRAIPQVKCNEQPNRVEIYEKTVEV<br/> LEPEVTKLMKFMFYFQRKAIERFCSEVKRLCHAERRKDFVSEAYLLTLGKFINMFAVLD<br/> ELKNMKCSVKNDHSAYKRAAQFLRKMADPQSIQESQNLSMFLANHNRRITQCLHQQL<br/> EVIPGYEELLADIVNICVDYYENKMYLTPSEKHMLLKVMGFGLYMDGNVSNIYK LDA<br/> KKRINLSKIDKFFKQLQVVPLFGDMQIELARYIKTSAHYEENKSKWTCTQSSISPQYNI<br/> CEQMVQIRDDHIRFISELARYSNSEVVTGSGLD SQKSDEEYRELFDLALRGLQLLSK<br/> WSAHVMEVYSWKL VHPTDKFCNKDCPGTAE EYERATRYNYTSEEKFAFVEVIAMIK<br/> GLQVLMGRMESVFNQAIRNTIYAALQDFAQVTLREPLRQAVRKKKNVLISVLQAIRKT</p> |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



ICDWEGGREPPNDPCLRGEKDPKGGFDIKVPRRAVGPSSQLYMVRTMLESLIADK  
 SGSKKTLRSSLDGPIVLAIEDFHKQSFFFFHLLNISEALQQCCDLSQLWFREFFLELT  
 MGRRIQFPIEMSMPWILTDHILETKEPSMMEYVLYPLDLYNDSAYYALTKFKKQFLYD  
 EIEAEVNLCFDQFVYKLADQIFAYYKAMAGSVLLDKRFRAECKNYGVIIIPPSPNRYE  
 TLLKQRHVQLLGRSIDLNRITQRTSAAMYKSLDQAISRFESEDLTSIVELEWLLEINR  
 LTHRLLCKHMTLDSFDAMFREANHNVSAPYGRITLHVFWELNFDLFPNYCYNGSTN  
 RFVRTAIPFTQEPQRDKPANVQPYLYGSKPLNIAYSHIYSSYRNFGPPHFKTICRL  
 LGYQGIADVMEELLKIVKSLQGTILQYVKTIEVMPKICRLPRHEYGSPGILEFFHHQL  
 KDIEYAELKTDVFQSLREVGNAIFCLLIEQALSQEEVCDLLHAAPFQNILPRVYIKEG  
 ERLEVRMKRLEAKYAPLHLVPLIERLGTPQQIAIAREGDLLTKERLCCGLSMFEVILTR  
 IRSYLQDPIWRGPPPTNGVMHVDECVEFHRLWSAMQFVYCIPVGTNEFTAECQCFGD  
 GLNWAGCSIIVLLGQRRFDLDFCYHLLKVQRQDGKDEIKNVPLKMMADRIRKYQI  
 LNNEVFAILNKYMKSVETDSSTVEHVRCFQPPIHQSLATTC

**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** [CYFIP2 cytoplasmic FMR1 interacting protein 2 \[ Homo sapiens \]](#)

**Official Symbol** [CYFIP2](#)

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|                       |   |
|-----------------------|---|
| <b>Synonyms</b>       | CYFIP2; cytoplasmic FMR1 interacting protein 2; cytoplasmic FMR1-interacting protein 2; p53 inducible protein; PIR121; p53-inducible protein 121; |
| <b>Gene ID</b>        | <a href="#">26999</a>   |
| <b>mRNA Refseq</b>    | <a href="#">NM_001037332</a>  |
| <b>Protein Refseq</b> | <a href="#">NP_001032409</a>  |
| <b>MIM</b>            | <a href="#">606323</a>  |
| <b>UniProt ID</b>     | <a href="#">Q96F07</a>  |

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