

# Recombinant Full Length Human CYFIP2 Protein, GST-tagged

**Cat. No.** CYFIP2-2268HF    **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>	In Vitro Cell Free System
<b>ProteinLength</b>	1253 amino acids
<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  YIEQATVHSSMNEMLEEGHEYAVMLYTWRSRCSRAIPQVKCNEQPNRVEIYEKTVEV  LEPEVTKLMKFMFYFQRKAIERFCSEVKRLCHAERRKDFVSEAYLLTLGKFINMFAVLD  ELKNMKCSVKNDHSAYKRAAQFLRKMADPQSIQESQNLMSFLANHNRRITQCLHQQL  EVIPGYEELLADIVNICVDYYENKMYLTPSEKHMLLKVMGFGLYLMDGNVSNIYK LDA  KKRINLSKIDKFFKQLQVVPLFGDMQIELARYIKTSAHYEENKSKWTCTQSSISPQYNI  CEQMVQIRDDHIRFISELARYSNSEVVTGSGLD SQKSDEEYRELFDLALRGLQLLSK  WSAHVMEVYSWKLVHPTDKFCNKDCPGTAEERYERATRYNYTSEEKFAFVEVIAMIK</p>

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GLQVLMGRMESVFNQAIRNTIYAALQDFAQVTLREPLRQAVRKKKNVLISVLQAIKRT  
 ICDWEGGREPPNDPCLRGEKDPKGGFDIKVPRRAVGPSSSTQLYMVRTMLES LIADK  
 SGSKKT LRSSLDGPIVLAIEDFHKQSFFFFTHLLNISEALQQCCDLSQLWFREFFLELT  
 MGRRIQFPIEMSPWILTDHILETKEPSMMEYVLYPLDLYNDSAYYALTKFKKQFLYD  
 EIEAEVNL CFDQFVYKLADQIFAYYKAMAGSVLLDKRFRAECKNYGVIIPYPPSNRYE  
 TLLKQRHVQLLGRSIDLNRLITQRTSAAMYKSLDQAISRFESEDLTSIVELEWLEINR  
 LTHRLLCKHMTLDSFDAMFREANHNVSAPYGRITLHVFWELNFDLFPNYCYNGSTN  
 RFVRTAIPFTQEPQRDKPANVQPYLYGSKPLNIAYSHIYSSYRNRFVGPPIHFKTICRL  
 LGYQGI AVVMEELLKIVKSL LQG TILQYVKT LIEVMPKICRLPRHEYGSPGILEFFHHQL  
 KDIEY AELKTDV FQSLREVG NAILFCLLIEQALSQEEVCDLLHAAPFQNILPRVYIKEG  
 ERLEVRMKRLEAKYAPLHLVPLIERLGTPQQIAIAREGDLLTKERLCCGLSMFEVILTR  
 IRSYLQDPIWRGPPPTNGVMHVDECEVFHRLWSAMQFVYCIPVGTNEFTA EQCFGD  
 GLNWAGCSIIVLLGQRRFDLDFCYHLLKVQRQDGKDEI IKNVPLK KMADRIRKYQI  
 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 ]

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<b>Official Symbol</b>	CYFIP2
<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>	26999
<b>mRNA Refseq</b>	NM_001037332
<b>Protein Refseq</b>	NP_001032409
<b>MIM</b>	606323
<b>UniProt ID</b>	Q96F07

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