

Recombinant Human CYFIP2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CYFIP2 full-length ORF (AAH11762.1, 1 a.a. - 1253 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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.
Molecular Mass	163.35 kDa
AA Sequence	MTTHVTLEDALSNVDLLEELPLPDQQPCIEPPPSSIMYQANFDTNFEDRNAFVTGIAR YIEQATVHSSMNEMLEEGHEYAVMLYTWRS CSRAIPQVKCNEQPNRVEIYEKTVEV LEPEVTKLMKFMFYFQRKAIERFCSEVKRLCHAERRKDFVSEAYLLTLGKFINMFAVLD ELKNMKCSVKNDHSAYKRAAQFLRKMA DPQSIQESQNLSMFLANHN RITQCLHQQL EVIPGYEELLADIVNICVDYYENKMYLTPSEKHMLLKVMGFGLYLM DGNVSN IYK LDA KKRINLSKIDKFFKQLQVVPLFGDMQIELARYIK TSAHYEENKSKWTCTQSSISPQYNI CEQMVQIRDDHIRFISELARYSNSEVVTGSGLD SQKSDEEYRELF DLALRGLQLLSK WSAHVMEVYSWKL VHPTDKFCNKDCPGTAE EYERATRYNYTSEEKF AFVEVIAMIK GLQVLMGRMESVFNQAIRNTIYAALQDFAQVTLREPLRQAVRKKKNVLISVLQAIKRT

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ICDWEGGREPPNDPCLRGEKDPKGGFDIKVPRRAVGPSSTQLYMVRTMLES LIADK
SGSKKTLRSSL DGPVLAIEDFHKQSFFFFTHLLNISEALQQCCDLSQLWFREFFLELT
MGRRIQFPIEMSMPWILTDHILETKEPSMMEYVLYPLDLYNDSAYYALTKFKKQFLYD
EIEAEVNLCFDQFVYKLADQIFAYYKAMAGSVLLDKRFRAECKNYGVII PYPPSNRYE
TLLKQRHVQLLGRSIDLNRLITQRTSAAMYKSLDQAISRFES EDTLSIVELEWLLEINR
LTHRLLCKHMTLDSFDAMFREANHNVSAPYGRITLHVFWELNFDLFPNYCYNGSTN
RFVRTAIPFTQEPQRDKPANVQPYLYGSKPLNIAYSHIYSSYRN FVGPPHFKTICRL
LGYQGIAV VMEELLKIVKSLLQGTILQYVKTLIEVMPKICRLPRHEYGSPGILEFFHHQL
KDIEYAELKTDVFQSLREVG NAILFCLLIEQALSQEEVCDLLHAAPFQNILPRVYIKEG
ERLEVRMKRLEAKYAPLHLVPLIERLGTPQQIAIAREGDLLTKERLCCGLSMFEVILTR
IRSYLQDPIWRGPPPTNGVMHVDECVEFHRLWSAMQFVYCIPVGTNEFTA EQCFGD
GLNWAGCSIIVLLGQQRRFDLFD FCYHLLKVQRQDGKDEI IKNVPLKKMADRIRKYQI
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]

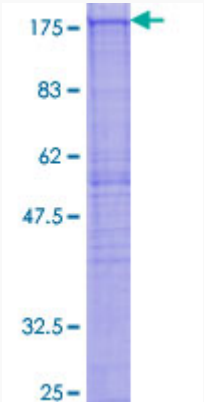
Official Symbol

CYFIP2

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Synonyms	CYFIP2; cytoplasmic FMR1 interacting protein 2; cytoplasmic FMR1-interacting protein 2; p53 inducible protein; PIR121; p53-inducible protein 121;
Gene ID	26999
mRNA Refseq	NM_001037332
Protein Refseq	NP_001032409
MIM	606323
UniProt ID	Q96F07
Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.