

## Product datasheet for TP317082

### CYFIP2 (NM\_014376) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cytoplasmic FMR1 interacting protein 2 (CYFIP2), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217082 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTTHVTLEDALSNDLLEELPLPDQQPCIEPPSSIMYQANFDTNFEDRNAFVTGIARYIEQATVHSSMN  
EMLEEGHEYAVMLYTWRSRAIPQVKCNEQPNRVEIYEKTVLEVLEPEVTKLMKFMFQRKAIERFCSEV  
KRLCHAERRKDFVSEAYLLTLGKFINMFAVLDELKNMKCSVKNDHSAYKRAAQFLRKMADPQSIQESQNL  
SMFLANHNRTQCLHQQLEVIPGYEELLADIVNICVDYENKMYLTPSEKHMLLKVMGFLYLMDGNVSN  
IYKLDKRRINLSKIDKFFKQLQVPLFGDMQIELARYIKTSAHYEENKSKWTCTQSSISPQYNICEQMV  
QIRDDHIRFISELARYSNSEVVTGSGLDQSDEEYRELFDLALRGLQLLSKWSAHVMEVYSWKLHVPTD  
KFCNKDCPGTAAEYERATRYNYTSEEKFAFVEVIAMIKGLQVLMGRMESVFNQAIRNTIYAALQDFAQVT  
LREPLRQAVRKKKNVLISVLQAIKRTICDWEQGREPPNDPCLRGEKDPKGGFDIKVPRRAVGPSSSTQLYM  
VRTMLES LIADKSGSKTLRSSL DGPVLAIEDFHKQSFTHLLNISEALQCCDLSQLWFREFFLELT  
MGRRIQFPIEMSMPWILTDHILETKEPMMMEYVLYPLDLYNDSAYYALTKFKKQFLYDEIEAEVNLCFDQ  
FVYKLADQIFAYYKAMAGSVLLDKRFRAECKNYGVIIPYPPSNRYETLLKQRHVQLGRSIDLNRITQR  
TSAAMYKSLDQAISRFESDLTSIVELEWLLINRLTHRLLCKHMTLDSFDAMFREANHNVSAPYGRITL  
HVFWE LNFDLPNYCYNGSTNRVFTAIPFTQEPQRDKPANVQPYLYGSKPLNIAYSHIYSSYRNFGVP  
PHFKTICRLLGYQGIAVVMEELLKIVKSLQGTILQYVKTIEVMPKICRLPRHEYGSPGILEFFHHQLK  
DIEYAE LKTDVFSLEVEGNAILFCLLIEQALSQEEVCDLLHAAPFQNILPRVYIKEGERLEVRMKRLE  
AKYAPLHLVPLIERLGTQQIAIAREGDLTKERLCCGLSMFEVILTRIRSYLQDPiWRGPPPTNGVMHV  
DECVEFHRLWSAMQFVYCIPVGTNEFTAECFGDGLNWAGCSIIVLLGQRRFDLDFCYHLLKVKVRQDG  
KDEIINKVPLKMMADRIRKYQILNNEVFAILNKYMKSVETDSSTVEHVRCFQPPHQS LATT C

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

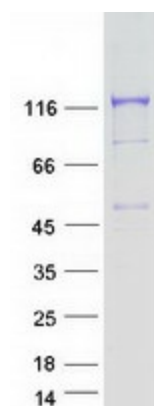
Tag:	C-Myc/DDK
Predicted MW:	145.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055191</a>
<b>Locus ID:</b>	26999
<b>UniProt ID:</b>	<a href="#">Q96F07</a>
<b>RefSeq Size:</b>	6625
<b>Cytogenetics:</b>	5q33.3
<b>RefSeq ORF:</b>	3759
<b>Synonyms:</b>	EIEE65; PIR121
<b>Summary:</b>	Involved in T-cell adhesion and p53/TP53-dependent induction of apoptosis. Does not bind RNA. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (By similarity).[UniProtKB/Swiss-Prot Function]
<b>Protein Pathways:</b>	Regulation of actin cytoskeleton

### Product images:



Coomassie blue staining of purified CYFIP2 protein (Cat# TP317082). The protein was produced from HEK293T cells transfected with CYFIP2 cDNA clone (Cat# [RC217082]) using MegaTran 2.0 (Cat# [TT210002]).