

Product datasheet for TP317082L

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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217082 protein sequence Red=Cloning site Green=Tags(s)

MTTHVTLEDALSNDLLEELPLPDQQPCIEPPSSIMYQANFDTNFEDRNAFVTGIARYIEQATVHSSMN
EMLEEGHEYAVMLYTWRSRAIPQVKCNEQPNRVEIYEKTVLEVLEPEVTKLMKFMFQRKAIERFCSEV
KRLCHAERRKDFVSEAYLLTLGKFINMFAVLDELKNMKCSVKNDHSAYKRAAQFLRKMADPQSIQESQNL
SMFLANHNRTQCLHQQLVIPGYEELLADIVNICVDYENKMYLTPSEKHMLLKVMGFLYLMDGNVSN
IYKLDKAKRINLSKIDKFFKQLQVPLFGDMQIELARYIKTSAHYEENKSKWTCTQSSISPQYNICEQMV
QIRDDHIRFISELARYSNSEVVTGSGLDQSDEEYRELFDLALRGLQLLSKWSAHVMEVYSWKLVHPTD
KFCNKDCPGTAEERYATRYNYTSEEKFAFVEVIAMIKGLQVLMGRMESVFNQAIRNTIYAALQDFAQVT
LREPLRQAVRKKKNVLISVLQAIKRTICDWEGGREPPNDPLRGEKDPKGGFDIKVPRRAVGPSSSTQLYM
VRTMLES LIADKSGSKTLRSSL DGPVLAIEDFHKQSFTHLLNISEALQQCCDLSQLWFREFFLELT
MGRRIQFPIEMSMPWILTDHILETKEPMMMEVLYPLDLYNDSAYYALTKFKKQFLYDEIEAEVNLCFDQ
FVYKLADQIFAYYKAMAGSVLLDKRFRAECKNYGVIIPYPPSNRYETLLKQRHVQLLGRSIDLNRITQR
TSAAMYKSLDQAISRFESDLTSIVELEWLLINRLTHRLLCKHMTLDSFDAMFREANHNVSAPYGRITL
HVFWE LNFDLPNYCYNGSTNRVFTAIPFTQEPQRDKPANVQPYLYGSKPLNIAYSHIYSSYRNFGVP
PHFKTICRLLGYQGI AVVMEELLKIVKSL LQGTILQYVKTLIEVMPKICRLPRHEYGSPGILEFFHHQLK
DIIEYAE LKTDV FQSLREVGNAIFCLLIEQALSQEEVCDLLHAAPFQNILPRVYIKEGERLEVRMKRLE
AKYAPLHLVPLIERLGT PQQIAIAREGDL LTKERLCCGLSMFEVILTRIRSYLQDP IWRGPPPTNGVMHV
DECVEFHRLWSAMQFVYCIPVGTNEFTA EQCFGDGLNWAGCSIIVLLGQRRFDLDFCYHLLKVRQDQ
KDEI IKNVPLK KMADRIRKYQILNNEVFAILNKYMKSVETDSSTVEHVRCFQPPIHQSLATTC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

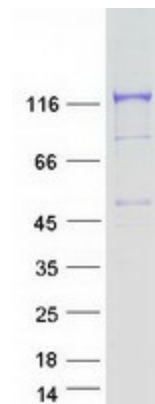
Tag:	C-Myc/DDK
Predicted MW:	145.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055191
Locus ID:	26999
UniProt ID:	Q96F07
RefSeq Size:	6625
Cytogenetics:	5q33.3
RefSeq ORF:	3759
Synonyms:	EIEE65; PIR121
Summary:	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]
Protein Pathways:	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]).