

## Product datasheet for TP517769

### Cyfp2 (NM\_133769) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytoplasmic FMR1 interacting protein 2 (Cyfp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217769 representing NM_133769 Red=Cloning site Green=Tags(s)

MTTHVTLEDALSNDLLEELPLPDQQPCIEPPSSIMYQANFDTNFEDRNAFVTGIARYIEQATVHSSMN  
EMLEEGHDYAVMLYTWRSRCSRAIPQVKCNEQPNRVEIYEKTVLEVLEPEVTKLMKFMFYQRKAIERFCSEV  
KRLCHAERRKDFVSEAYLLTLGKFINMFAVLDELKNMKCSVKNDHSAYKRAAQFLRKMADPQSIQESQNL  
SMFLANHNRTQCLHQQLVIPGYEELLADIVNICVDYENKMYLTPSEKHMLLKVMGFLYLMDGNVSN  
IYKLDAKKRINLSKIDKFFKQLQVPLFGDMQIELARYIKTSAHYEENKSKWTCTQSSISPQYNICEQMV  
QIRDDHIRFISELARYSNSEVVTGSGLDQSDEEYRELFDLALRGLQLLSKWSAHVMEVYSWKLHVPTD  
KFCNKDCPGTAEERYATRYNYTSEEKFAFVEVIAMIKGLQVLMGRMESVFNQAIRNTIYAALQDFAQVT  
LREPLRQAVRKKKNVLISVLQAIKRTICDWEGGREPPNDPCLRGEKDPKGGFDIKVPRRAVGPSSSTQLYM  
VRTMLES LIADKSGSKTLRSSL DGPVLAIEDFHKQSFTHLLNISEALQQCCDLSQLWFRFFLELT  
MGRRIQFPIEMSMPWILTDHILETKEPMMMEYVLYPLDLYNDSAYYALTKFKKQFLYDEIEAEVNLCFDQ  
FVYKLADQIFAYYKAMAGSVLLDKRFRAECKNYGVIIPPPSNRYETLLKQRHVQLLGRSIDLNRITQR  
ISAAMYKSLDQAISRFESDLTSIVELEWLEINRLTHRLLCKHMTLDSFDAMFREANHNVSAPYGRITL  
HVFWE LNFDLPNYCYNGSTNRFRVTAIPFTQEPQRDKPANVQPYLYGSKPLNIAYSHIYSSYRNFVGP  
PHFKTICRLLGYQGIAVVMEELLKIVKSLQGTILQYVKTIEVMPKICRLPRHEYGSPGILEFFHHQLK  
DIEYAE LKTDV FQSLREVGNAIFCLLIEQALSQEEVCDLLHAAPFQNILPRVYIKEGERLEVRMKRLE  
AKYAPLHLVPLIERLGT PQQIAIAREGDL LTKERLCCGLSMFEVILTRIRSYLQDP IWRGPPPTNGVMHV  
DECVEFHRLWSAMQFVYCIPVGTNEFTA EQCFGDGLNWAGCSIIVLLGQRRFDLDFCYHLLKVRQDQ  
KDEIINKVPLK KMADRIRKYQILNNEVFAILNKYMKSVETDSSTVEHVRCFQPPHQS LATT C

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	146.1 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>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 after receiving vials.
<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_598530</a>
<b>Locus ID:</b>	76884
<b>UniProt ID:</b>	<a href="#">Q5SQX6</a>
<b>RefSeq Size:</b>	6352
<b>Cytogenetics:</b>	11 B1.1
<b>RefSeq ORF:</b>	3759
<b>Synonyms:</b>	1500004I01Rik; 6430511D02Rik; AA930218; AU022376; mKIAA1168; Pir121
<b>Summary:</b>	Part of the WAVE1 complex that regulates actin filament reorganization via its interaction with the Arp2/3 complex (By similarity). Involved in T-cell adhesion and p53-dependent induction of apoptosis (By similarity). Does not bind RNA. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (PubMed:27605705).[UniProtKB/Swiss-Prot Function]