# Recombinant Mouse Cyfip2 Protein, Myc/DDK-tagged

**Cat. No.** Cyfip2-2407M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Purified recombinant protein of mouse full-length cytoplasmic FMR1 interacting protein 2 (Cyfip2), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **Description** | Part of the WAVE1 complex that regulates actin filament reorganization via its interaction with the Arp2/3 complex. Involved in T-cell adhesion and p53-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. |
| **Molecular Mass** | 146.1 kDa |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **Storage** | Store at -80 centigrade after receiving vials. |
| **Concentration** | >50 μg/mL as determined by microplate BCA method |
| **Storage Buffer** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

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## GENE INFORMATION

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| **Gene Name** | Cyfip2 cytoplasmic FMR1 interacting protein 2 [ Mus musculus (house mouse) ] |
| **Official Symbol** | Cyfip2 |
| **Synonyms** | CYFIP2; cytoplasmic FMR1 interacting protein 2; cytoplasmic FMR1-interacting protein 2; p53-inducible protein 121; Pir121; AA930218; AU022376; mKIAA1168; 1500004I01Rik; 6430511D02Rik |
| **Gene ID** | 76884 |
| **mRNA Refseq** | NM_133769 |
| **Protein Refseq** | NP_598530 |
| **UniProt ID** | Q5SQX6 |

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