

Recombinant Mouse Cyfip2 Protein, Myc/DDK-tagged

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

SPECIFICATION

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

Gene Name	Cyfp2 cytoplasmic FMR1 interacting protein 2 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Cyfp2
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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