

Product datasheet for **MR217769L3V**

Cyfp2 (NM_133769) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Cyfp2 (NM_133769) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Cyfp2 |
| Synonyms: | 1500004I01Rik; 6430511D02Rik; AA930218; AU022376; mKIAA1168; Pir121 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_133769 |
| ORF Size: | 3759 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR217769). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_133769.3 , NP_598530.2 |
| RefSeq Size: | 6352 bp |
| RefSeq ORF: | 3762 bp |
| Locus ID: | 76884 |
| UniProt ID: | Q5SQX6 |
| Cytogenetics: | 11 B1.1 |



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Gene Summary:

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]