

Product datasheet for **MR217769L4V**

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-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
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



[View online »](#)

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]