

Product datasheet for **MR227193L4V**

Fkbp4 (NM_010219) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fkbp4 (NM_010219) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fkbp4
Synonyms:	59kDa; AL022792; AW208983; FKBP-4; FKBP-52; FKBP52; FKPB52; p59
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010219
ORF Size:	1374 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227193).
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_010219.3
RefSeq Size:	2167 bp
RefSeq ORF:	1377 bp
Locus ID:	14228
UniProt ID:	P30416
Cytogenetics:	6 F3



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Gene Summary:

Immunophilin protein with PPlase and co-chaperone activities. Component of steroid receptors heterocomplexes through interaction with heat-shock protein 90 (HSP90). May play a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors between cytoplasm and nuclear compartments. The isomerase activity controls neuronal growth cones via regulation of TRPC1 channel opening. Acts also as a regulator of microtubule dynamics by inhibiting MAPT/TAU ability to promote microtubule assembly. May have a protective role against oxidative stress in mitochondria.[UniProtKB/Swiss-Prot Function]