

Product datasheet for **MR219863L4V**

Brk1 (NM_133937) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Brk1 (NM_133937) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Brk1
Synonyms:	6720456B07Rik; AW011779
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_133937
ORF Size:	225 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219863).
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_133937.1 , NP_598698.1
RefSeq Size:	1110 bp
RefSeq ORF:	228 bp
Locus ID:	101314
UniProt ID:	Q91VR8
Cytogenetics:	6 E3



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Gene Summary:

Involved in regulation of actin and microtubule organization. Part of a WAVE complex that activates the Arp2/3 complex (By similarity). As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (PubMed:27605705).[UniProtKB/Swiss-Prot Function]