

Product datasheet for **MR218543L4V**

Prok2 (NM_001037539) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Prok2 (NM_001037539) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Prok2
Synonyms:	Bv8; PK2; Prok1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001037539
ORF Size:	321 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218543).
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_001037539.2 , NP_001032628.1
RefSeq Size:	1450 bp
RefSeq ORF:	324 bp
Locus ID:	50501
UniProt ID:	Q9QXU7
Cytogenetics:	6 46.29 cM



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Gene Summary:

May function as an output molecule from the suprachiasmatic nucleus (SCN) that transmits behavioral circadian rhythm. May also function locally within the SCN to synchronize output. Potently contracts gastrointestinal (GI) smooth muscle (By similarity).[UniProtKB/Swiss-Prot Function]