

Product datasheet for MR217115L4V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Prok2 (NM_015768) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Prok2 (NM_015768) Mouse Tagged ORF Clone Lentiviral Particle

Symbol: Prok2

Synonyms: Bv8; PK2; Prok1

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_015768

ORF Size: 387 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(MR217115).

Sequence:

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

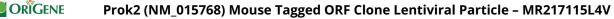
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 015768.2, NP 056583.1

RefSeq Size: 1513 bp
RefSeq ORF: 387 bp
Locus ID: 50501
UniProt ID: Q9QXU7

Cytogenetics: 6 46.29 cM





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]