

Product datasheet for MR209230L3V

Cry2 (BC066799) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

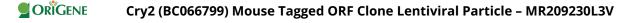
Product Type: Lentiviral Particles Product Name: Cry2 (BC066799) Mouse Tagged ORF Clone Lentiviral Particle Symbol: Cry2 AV006279; D130054K12Rik Synonyms: **Mammalian Cell** Puromycin Selection: Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092) Tag: Myc-DDK ACCN: BC066799 ORF Size: 1776 bp The ORF insert of this clone is exactly the same as(MR209230). **ORF** Nucleotide 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. **RefSeq:** BC066799.1 **RefSeq Size:** 3970 bp **RefSeq ORF:** 1778 bp Locus ID: 12953 Cytogenetics: 2 E1



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Gene Summary:This gene encodes a flavin adenine dinucleotide-binding protein that is a key component of
the circadian core oscillator complex, which regulates the circadian clock. This gene is
upregulated by Clock/Arntl heterodimers but then represses this upregulation in a feedback
loop using Per/Cry heterodimers to interact with Clock/Arntl. Polymorphisms in this gene
have been associated with altered sleep patterns. The encoded protein is widely conserved
across plants and animals. [provided by RefSeq, Feb 2014]

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