

Product datasheet for **MR209282L4V**

lqcb1 (BC029084) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	lqcb1 (BC029084) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	lqcb1
Synonyms:	6820449I09Rik; AV128382; NPHP5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC029084
ORF Size:	1791 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209282).
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:	BC029084 , AAH29084
RefSeq Size:	2809 bp
RefSeq ORF:	1793 bp
Locus ID:	320299
Cytogenetics:	16 B3


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Gene Summary:

Involved in ciliogenesis. The function in an early step in cilia formation depends on its association with CEP290/NPHP6 (By similarity). Involved in regulation of the BBSome complex integrity, specifically for presence of BBS2 and BBS5 in the complex, and in ciliary targeting of selected BBSome cargos. May play a role in controlling entry of the BBSome complex to cilia possibly implicating CEP290/NPHP6 (By similarity).[UniProtKB/Swiss-Prot Function]