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Product datasheet for MR221727L4V

C1qtnf5 (NM_001040632) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C1qtnf5 (NM_001040632) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	C1qtnf5
Synonyms:	Adie; CTR; Ctrp5; Mfrp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001040632
ORF Size:	732 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR221727).`
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_001040632.2, NP_001035722.1
RefSeq Size:	1366 bp
RefSeq ORF:	732 bp
Locus ID:	235312
UniProt ID:	Q8K479
Cytogenetics:	9 24.62 cM

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Gene Summary: The protein encoded by this gene is a member of the C1q/tumor necrosis factor superfamily. This family member is a secretory protein that functions in eye development. Mutations in this gene are thought to underlie the pathophysiology of late-onset retinal degeneration (L-ORD) and early-onset long anterior zonules (LAZ). Bicistronic transcripts composed of the coding sequences for this gene (C1qtnf5) and the membrane-type frizzled-related protein gene (Mfrp) have been identified, and the resulting products can interact with each other. Co-transcription of C1qtnf5 and Mfrp has been observed in both human and mouse. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]