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Product datasheet for MR210516L3V

C2 (NM_013484) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C2 (NM_013484) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	C2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013484
ORF Size:	2280 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210516).
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_013484.1
RefSeq Size:	2644 bp
RefSeq ORF:	2283 bp
Locus ID:	12263
UniProt ID:	P21180
Cytogenetics:	17 18.41 cM

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Gene Summary: This gene encodes component C2 of the classical pathway of the complement system. The encoded protein undergoes proteolytic processing mediated by component C1 resulting in C2a and C2b fragments. C2a fragment, in turn, selectively cleaves components C3 and C5 of the complement system. Mice lacking the encoded protein are found to be more susceptible to bacterial infections. Mutations in the human homolog of this gene are associated with disorders such as systemic lupus erythematosus, Henoch-Schonlein purpura, or polymyositis. [provided by RefSeq, Mar 2015]