

Product datasheet for **RR215342L3V**

Cotl1 (NM_001108452) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cotl1 (NM_001108452) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Cotl1
Synonyms:	Clp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001108452
ORF Size:	426 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR215342).
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_001108452.1 , NP_001101922.1
RefSeq Size:	1618 bp
RefSeq ORF:	429 bp
Locus ID:	361422
UniProt ID:	B0BNA5
Cytogenetics:	19q12
Gene Summary:	Binds to F-actin in a calcium-independent manner. Has no direct effect on actin depolymerization. Acts as a chaperone for ALOX5 (5LO), influencing both its stability and activity in leukotrienes synthesis (By similarity).[UniProtKB/Swiss-Prot Function]



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