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Product datasheet for MR204171L4V

Cnot9 (NM_021383) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cnot9 (NM_021383) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cnot9
Synonyms:	2610007F23Rik; AI593551; Fl10; Rqcd1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021383
ORF Size:	900 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR204171).`
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_021383.3
RefSeq Size:	3285 bp
RefSeq ORF:	900 bp
Locus ID:	58184
UniProt ID:	Q9JKY0
Cytogenetics:	1 C4

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Gene Summary: Component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Involved in down-regulation of MYB- and JUN-dependent transcription. May play a role in cell differentiation. Required for retinoic acid-induced differentiation of F9 teratocarcinoma cells. Does not bind DNA by itself. Enhances ligand-dependent transcriptional activity of nuclear hormone receptors. May play a role in cell differentiation. [UniProtKB/Swiss-Prot Function]