

Product datasheet for RR214262L4

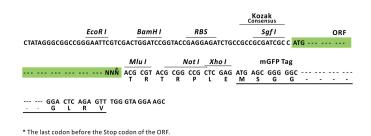
Cadm2 (NM_001047102) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Expression Plasmids
Cadm2 (NM_001047102) Rat Tagged Lenti ORF Clone
mGFP
Cadm2
lgsf4d; Necl-3; SynCAM 2
Puromycin
pLenti-C-mGFP-P2A-Puro (PS100093)
Chloramphenicol (34 ug/mL)
The ORF insert of this clone is exactly the same as(RR214262).
Sgfl-Mlul
Cloning sites used for ORF Shuttling:
Sgf I ORF Mlu I GCG ATC GC ATG // NNN ACG CGT



ACCN: ORF Size: NM_001047102 1185 bp



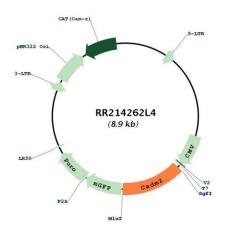
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	2 (NM_001047102) Rat Tagged Lenti ORF Clone – RR214262L4
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 001047102.1, NP 001040567.1</u>
RefSeq Size:	1188 bp
RefSeq ORF:	1188 bp
Locus ID:	360687
UniProt ID:	<u>Q1WIM2</u>
Cytogenetics:	11p12
Gene Summary:	Adhesion molecule that engages in homo- and heterophilic interactions with the other nectin- like family members, leading to cell aggregation. Important for synapse organization, providing regulated trans-synaptic adhesion. Preferentially binds to oligodendrocytes (By similarity).[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for RR214262L4

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