

# Product datasheet for RR213892L3

### Cntn1 (NM\_057118) Rat Tagged Lenti ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids			
Product Name:	Cntn1 (NM_057118) Rat Tagged Lenti ORF Clone			
Tag:	Myc-DDK			
Symbol:	Cntn1			
Synonyms:	F3			
Mammalian Cell Selection:	Puromycin			
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)			
E. coli Selection:	Chloramphenicol (34 ug/mL)			
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR213892).			
<b>Restriction Sites:</b>	Sgfl-RsrII			
Cloning Scheme:				
	Cloning sites used for ORF Shuttling:			
	Sgf I         ORF         Rsr II            GCG ATC GC         ATG // NNN         AG[C GGA CCG]			

				_	Kozak Consensus	
E	coR I	BamH I	RBS		Sgf I	ORF
CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGC C ATG						
	Rsr II	Mlu I	Notl_	Xho I	Myc.Tag	
NNN AGO S	GGA CCG G P	ACG CGT ACC T R T	G CGG CCG C R P		G AAA CTC ATC K L I	TCA GAA GAG S E E
			DDK.Tag			
GAT CTG GCA GCA AAT DLAAN	GAT ATC CT D I	IG GAT TAC AAG L D Y K	G GAT GAC GAC D D D	GAT AAG GT DKV		G

\* The last codon before the Stop codon of the ORF.

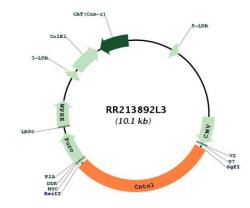
ACCN: ORF Size: NM\_057118 3063 bp



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	1 (NM_057118) Rat Tagged Lenti ORF Clone – RR213892L3
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	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM 057118.2, NP 476459.1</u>
RefSeq Size:	3210 bp
RefSeq ORF:	3066 bp
Locus ID:	117258
UniProt ID:	<u>Q63198</u>
Cytogenetics:	7q35
Gene Summary:	neural adhesion molecule [RGD, Feb 2006]

# Product images:



Circular map for RR213892L3

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