

# Product datasheet for RR208399L4

### Decr1 (NM\_057197) Rat Tagged Lenti ORF Clone

#### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Decr1 (NM_057197) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Decr1					
Mammalian Cell Selection:	Puromycin					
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)					
E. coli Selection:	Chloramphenicol (34 ug/mL)					
ORF Nucleotide Sequence:	The ORF insert	of th	is clone	is exac	tly the sa	ame as(RR208399).
<b>Restriction Sites:</b>	Sgfl-Mlul					
Cloning Scheme:						
		Cloning sit	es used for ORF Sh	uttling:		
		[	Sgf I GCG ATC GC ATG	ORF	Mlu I ACG CGT	
					Kozak Consensus	
	CTATAGGGCGGCCG	<u>EcoR I</u> GGAATTCGTCO	<u>BamH I</u> GACTGGATCCGGTA	RBS	Sgf I	ORF

 Mlui
 Noti
 Xhoi
 mGFP Tag

 ...
 ...
 ...
 ...
 ...

 T
 R
 T
 R
 P

 L
 E
 M
 S
 G

--- GGA CTC AGA GTT TGG GTA GGA AGC

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

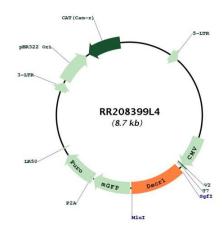
ACCN: ORF Size: NM\_057197 1005 bp



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ORÏGENE Decr1 (NM_057197) Rat Tagged Lenti ORF Clone – RR208399L4			
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 057197.2, NP 476545.2</u>		
RefSeq Size:	1146 bp		
RefSeq ORF:	1008 bp		
Locus ID:	117543		
UniProt ID:	<u>Q64591</u>		
Cytogenetics:	5q13		
Gene Summary:	catalyzes the conversion of trans-2,3-didehydroacyl-CoA and NADP(+) to trans,trans-2,3,4,5- tetradehydroacyl-CoA and NADPH [RGD, Feb 2006]		

## Product images:



Circular map for RR208399L4

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