

## Product datasheet for RR207204L4

### Pde7a (NM\_031080) Rat Tagged Lenti ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pde7a (NM_031080) Rat Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Pde7a
Synonyms:	PDE7-1
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 this clone is exactly the same as(RR207204).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



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



[View online »](#)



**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. 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:** [NM\\_031080.1](#)

**RefSeq Size:** 3156 bp

**RefSeq ORF:** 1449 bp

**Locus ID:** 81744

**Cytogenetics:** 2q24

**Gene Summary:** may regulate cAMP signaling events in the brain, particularly those related to memory, depression, and emesis [RGD, Feb 2006]