

Product datasheet for RR204299L4

Gata4 (NM_144730) Rat Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gata4 (NM_144730) Rat Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Gata4
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(RR204299).
Restriction Sites:	Sgfl-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_144730.1](#), [NP_653331.1](#)

RefSeq Size: 3313 bp

RefSeq ORF: 1323 bp

Locus ID: 54254

UniProt ID: [P46152](#)

Cytogenetics: 15p12

Gene Summary: plays a role in regulation of cardiac-myocyte specific gene expression; interacts with dHAND (HAND2) to activate transcription of several cardiac-specific genes [RGD, Feb 2006]