

Product datasheet for **MG217104**

PrI3cI (NM_013766) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: PrI3cI
Synonyms: decidualin; Ghd7; PLP-J; PrIpi; PrIpi
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG217104 representing NM_013766
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCAGCTATCATTGACTCAAGCACGCACCTGGAAGGGTCTGTTCTGTTGGTGCATGCATGTTCTCTGT
 GGGTATATGTGACTGCCACACGATATGACCGGAAATCCAATGAAGAGATCTATGACAATCTGCTTTCCTC
 TTCTCGTCACATCCATAGAGTTGCCAAAAAATGTATAAAATCTTAGACTCAAAGTTAACTGAGGGAGTA
 TGTTTTAGGAATAAAAAACCAAGATGTGCCAAACCATTTCTACACATTCTGTAAAAAGAATGAAGACC
 TTCTGAAAGTCATCATCAATGTTTCAAATTTCTGGACATATCCACTGAAAATGCTCATACCTGCAGTGTT
 GACTCATCTAGATTCTGATGATGGGATGATGACAAGAGCTGTAGAGCTTAACTATGGAATAAAGTCGTT
 CTGGAGGGAGCAAAGCTTTACTTAGTAGGATTCAGCCTGGAATTGAAGAAAAAACGAGCCTGACAGGT
 GGTGAGACCTAAGAGAATTGAGGTCTCCAAAAAAGCAAGCACCTTCTTGCAATTTGTAATTTCTCTA
 CTGTCTACGCAAGGATACAAAAATGGTTACATGTTATCTCAGGGCTCTGAAGCATGGCAAAATCAAACC
 ATTTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG217104 representing NM_013766
 Red=Cloning site Green=Tags(s)

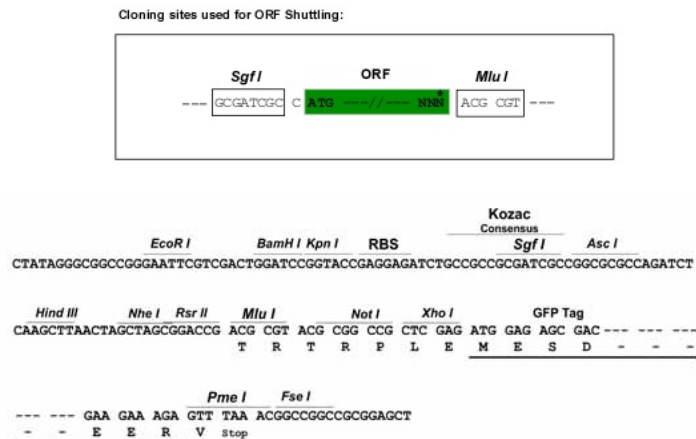
MQLSLTQARTWKGLFLLVSCMFLWVYVATRYDRKSNEEIYDNLSSSRHHRVAKKMYKILDSKLTGEG
 CFRNKNTKMCQTIISTHSVKKNEDLLKVIINVSFWTYPLKMLIPAVLTHLSDDDGMMTRAVELNYGNKV
 LEGAKALLSRIQPIEENNEPDRWSDLRELRSKSKHLLAFCKFFYCLRKDTKMVTCYLRALKHGKIKT
 IC

TRTRPLE - GFP Tag - V



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_013766

ORF Size: 636 bp

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. [More info](#)

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:

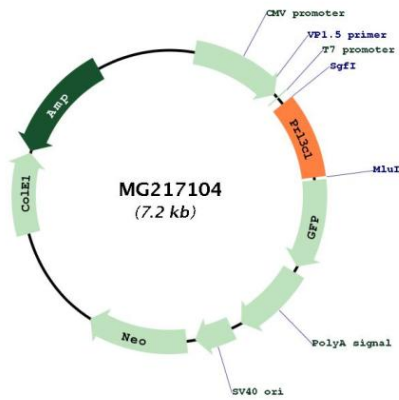
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_013766.2](#), [NP_038794.1](#)

RefSeq Size: 835 bp
 RefSeq ORF: 639 bp
 Locus ID: 27372
 UniProt ID: [Q9QUN5](#)
 Cytogenetics: 13 12.32 cM

Product images:



Circular map for MG217104