

Macaca fascicularis CSF1R cDNA Clone

Catalog Number: CG90035-G



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene : colony stimulating factor 1 receptor

Official Symbol : CSF1R

Synonym : CSF1R

Source : *Macaca fascicularis*

cDNA Size: 2931

RefSeq : unsubmitted

Description

Lot : Please refer to the label on the tube

Sequence Description :

Identical with XR_012415.2 [*Macaca mulatta* (Rhesus monkey)]: 110 TG/CA,445 C/A,547 A/G,1207 G/T,1474 G/C,1573 G/A resulting in the amino acid Met substitution by Thr,Leu substitution by Met,Ser substitution by Gly,Glu substitution by Ter,Gly substitution by Arg,Val substitution by Ile and 819 T/C,1425 G/A not causing the amino acid variation. Please check the sequence information before order.

Vector :

pGEM-T

Shipping carrier :

Each tube contains approximately 10 µg of lyophilized plasmid.

Storage :

The lyophilized plasmid can be stored at ambient temperature for three months.

Quality control :

The plasmid is confirmed by full-length sequencing with primers in the sequencing primer list.

Sequencing primer list :

M13-47 : 5' GCCAGGGTTTCCAGTCACGAC 3'

RV-M : 5' GAGCGGATAACAATTTACACAGG 3'

Other M13 primers can also be used as sequencing primers.

Plasmid Resuspension protocol

1. Centrifuge the tube for 5~10 min at 4,000 rpm.
2. Carefully open the tube and add 100 µl 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 to concentrate the liquid at the bottom. Speed is less than 4000 rpm.
5. Store the plasmid at -20 °C.

The plasmid is ready for:

- Restriction enzyme digestion
- PCR amplification
- *E. coli* transformation
- DNA sequencing

E. coli strains for transformation (recommended but not limited)

Most commercially available competent cells are appropriate for the plasmid, e.g. DH5 α, TOP10, JM109.

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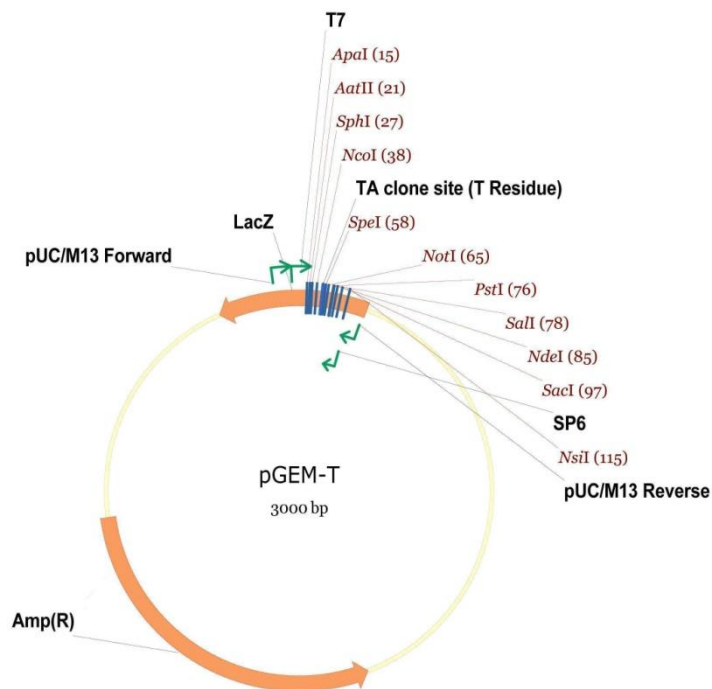
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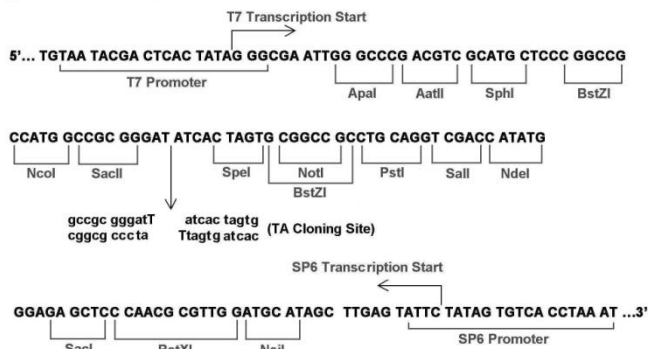
Vector Information

The pGEM-T vector is a high-efficiency TA cloning vector which contains multiple cloning sites as shown below. The pGEM-T vector is 3.0kb in size and contains the ampicin resistance gene for selection. The coding sequence was inserted by TA cloning.

Physical Map of pGEM-T :



pGEM-T Vector



* Please refer to
<http://www.sinobiological.com/Vector-pGEM-T-a-1636.html>
for the vector sequence.

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