Rat TNFR1/TNFRSF1A/CD120a Gene ORF
cDNA clone in cloning vector

Catalog Number: RG80181-G

General Information
Gene: tumor necrosis factor receptor superfamily, member 1a
Official Symbol: TNFRSF1A
Synonym: TNFRSF1A
Source: Rat
cDNA Size: 1386bp
RefSeq: NM_013091.1
Plasmid: pGEM-ratTNFRSF1A

Description
Lot: Please refer to the label on the tube
Sequence Description:
Identical with the Gene Bank Ref. ID sequence except for the point mutations: 72A/G not causing the amino acid variation; 688A/G (I230V), 884A/C (H295P).

Vector: pGEM-T

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

Sequencing primer list:

- M13-47: 5’ GCCAGGGTTTTCCCCAGTCACGAC 3’
- RV-M: 5’ GAGCGGATAACATTTTCACACAGG 3’

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. TOP10, DH5α and TOP10F−.
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 ampicillin resistance gene for selection. The coding sequence was inserted by TA cloning.

Physical Map of pGEM-T: