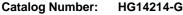
# Human RTDR1 Gene cDNA clone plasmid



## **General Information**

Gene : rhabdoid tumor deletion region gene 1

| Official Symbol : | RTDR1 |
|-------------------|-------|
| ••••••••••••      |       |

Synonym : MGC16968, RTDR1

- Source : Human
- cDNA Size: 1047bp
- BC008986 **RefSeq:**
- Plasmid: pGEM-RTDR1

## Description

Lot : Please refer to the label on the tube

## **Sequence Description :**

Identical with the Gene Bank Ref. ID sequence.

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' GCCAGGGTTTTCCCAGTCACGAC 3' |
|----------|-------------------------------|
|          |                               |

RV-M: 5' GAGCGGATAACAATTTCACACAGG 3'

Other M13 primers can also be used as sequencing primers.



# **Plasmid Resuspension protocol**

1.Centrifuge at  $5,000 \times g$  for 5 min.

2.Carefully open the tube and add 100  $\mu$ l 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  $5000 \times g$ . 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. TOP10, DH5 $\alpha$  and TOP10F'.

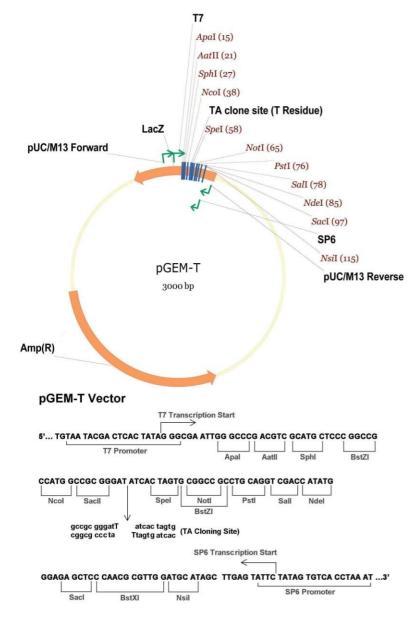
# Human RTDR1 Gene cDNA clone plasmid

Catalog Number: HG14214-G

## 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 amplicin resistance gene for selection. The coding sequence was inserted by TA cloning.

## Physical Map of pGEM-T :



Sino Biological Inc. Biological Solution Specialist