# Human EMC8 Gene cDNA clone plasmid

Catalog Number: HG14675-G

## **General Information**

Gene : ER membrane protein complex subunit 8

| Official Symbol : | EMC8                                    |
|-------------------|---|
| Synonym :         | NOC4, COX4NB, C16orf2, C16orf4, FAM158B |
| Source :          | Human                                   |
| cDNA Size:        | 633bp                                   |
| RefSeq :          | BC001472                                |

Plasmid: pGEM-COX4NB

### 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 :

#### 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  $\dot{}$  .

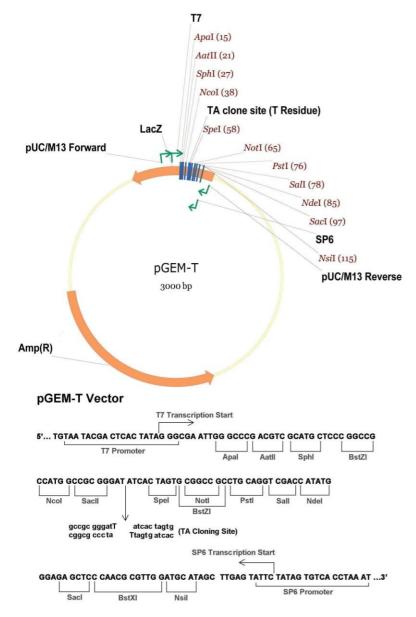
# Human EMC8 Gene cDNA clone plasmid

**Catalog Number:** HG14675-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 :



Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

Sino Biological Inc.

**Biological Solution Specialist**