Homo sapiens DMC1 cDNA Clone

Catalog Number: HG15838-G

General Information

Gene :	DMC1 dosage suppressor of mck1 homolog, meiosis-specific homologous recombination (yeast)
Official Symbol :	DMC1
Synonym :	DMC1H, LIM15, HsLim15, dJ199H16.1
Source :	Homo sapiens
cDNA Size:	1023
RefSeq :	BC125163
Description	

Description

Please refer to the label on the tube Lot :

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'	

RV-M:

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 μ 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 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.

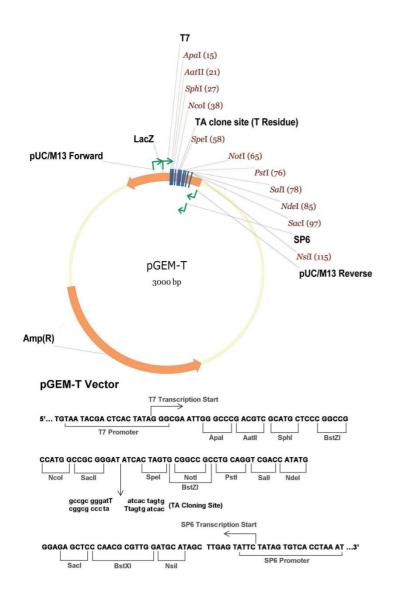
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Vector Information

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 :



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

