Human EFNA4 (NM_005227) cDNA/ORF clone

Catalog Number: 714370-2

General Information

Gene Name:

ephrin A4

Official Symbol: EFNA4

Organism: Homo sapiens

RefSeq: NM_005227

Description

Sequence Description:

Identical with the Gene Bank Ref. ID sequence.

Vector: pGEM-T

Restriction Sites:

Shipping carrier:

Each tube contains approximately 5 μg - 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:

T7:TAATACGACTCACTATAGGG

M13 rev:CAGGAAACAGCTATGAC

Plasmid Resuspension protocol

1.Centrifuge at 5,000×g for 5 min.
2.Carefully open the tube and add 20 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 5000×g.
5.Store the plasmid at -20 ℃.

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 is 3kb in length, and contains the amplicin resistance gene, conferring selection of the plasmid in E. coli, and the ori site which is the bacterial origin of replication. The plasmid has multiple cloning sites as shown below. The coding sequence was inserted by TA cloning. Many E. coli strains are suitable for the propagation of this vector including JM109, DH5α and TOP10.

Physical Map of pGEM-T:

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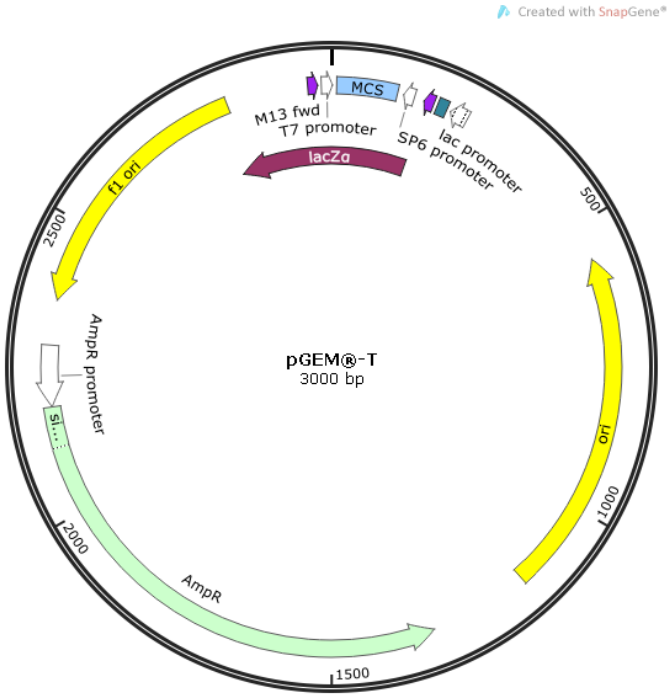

Vector Name	pGEM-T
Vector Size	3000 bp
Vector Type	Cloning Vector
Expression Method	-
Promoter	lac
Antibiotic Resistance	Ampicillin
Selection In Mammalian Cells	-
Protein Tag	None