Rat Fabp7 (NM_030832) cDNA/ORF clone

Catalog Number: 703956-1

General Information

Gene Name:

fatty acid binding protein 7

Official Symbol: Fabp7

Organism: Rattus norvegicus

RefSeq: NM_030832

Description

Sequence Description:

Identical with the Gene Bank Ref. ID sequence.

Vector: pUC19

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:

M13 fwd:GTAAAACGACGGCCAGT

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

pUC19 is a small, high-copy number E. coli plasmid cloning vector, of which multiple cloning sites as shown below. The molecule is a small double-stranded circle, 2686 base pairs in length. pUC19 encodes the N-terminal fragment of b-galactosidase (lacZa), which allows for blue/white colony screening (i.e., a-complementation), as well as a pUC origin of replication.

Physical Map of pUC19:

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Vector Name	pUC19
Vector Size	2686 bp
Vector Type	Cloning Vector
Expression Method	-
Promoter	lac
Antibiotic Resistance	Ampicillin
Selection In Mammalian Cells	-
Protein Tag	None