



pBSmFGFR(S)

63343™

Description

Organism: *Mus musculus*, mouse

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

Storage Conditions

Product format: Freeze-dried

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

Insert size (kb): 2.2589999999999999

Type of DNA: cDNA

Insert source: Heart

Insert tissue: heart

Insert information:

Insert 5' end: HindIII

Insert 3' end: EcoRI

Cross references: DNA Seq. Acc.: U23445 (Nucleotides 1-2259 of the insert correspond to nucleotides 1-2259 of U23445.)

Genome: mouse

Chromosome: 8

8 10 cm from cen

Gene name: Fibroblast growth factor receptor 1 (short isoform) [Fgfr1]

Gene symbol: Fgfr1

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 5.22

Intact vector size: 2.961

Vector name: pBluescript II SK+

Type of vector: phagemid

Host range: *Escherichia coli*

Vector end: HindIII; EcoRI

Cloning sites: BssHII; KpnI; Apal; DralI; XhoI; HincII; Accl; Sall; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

Insert detection: lacZ'

Markers: ampR

Polylinker sites: BssHII; KpnI; Apal; DralI; XhoI; HincII; Accl; Sall; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

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Replicon: pMB1; f1

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 37°C

Handling Procedures

Propagate in LB Medium (ATCC medium 1065) with 50 mcg/mL ampicillin

Notes

Excise Insert: HindIII+EcoRI

Promoter Giving Sense Strand: T7

Promoter Giving Antisense Strand: T3

Size of Construct (kb): 5.22

Markers: ampR

Method of quality control is restriction analysis

Restriction digests of the clone give the following sizes (kb): EcoRI/HindIII-2.9, 2.3;

BamHI--5.2; EcoRI--5.2; HindIII--5.2; AatII--5.2.

- ATCC staff

The insert contains the following restriction sites (approximate kb from the 5' end):

AatII--0.53; BamHI--1.19.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pBSmFGFR(S) (ATCC 63343)

References

References and other information relating to this material are available at www.atcc.org.

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