



hFGFR-1

80042™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* JM109 (ATCC 53323)

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): 3.343

Type of DNA: cDNA

Insert source: teratocarcinoma cell line Tera-2 clone 13

Insert tissue: teratocarcinoma cell line Tera-2 clone 13

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

kinase 2)

Cross references: DNA Seq. Acc.: M34641

Genome: Homo sapiens

Chromosome: 8

8 p12

Target gene: fibroblast growth factor receptor 1

Gene name: fibroblast growth factor receptor 1 (fms-related tyrosine

Gene product: fibroblast growth factor receptor 1(fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2)) [FLT2]

Gene symbol: FGFR1; FLT2

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 5.900000095367432

Intact vector size: 2.400

Vector name: pSV7d

Type of vector: plasmid

Host range: vertebrate cells

Vector end: EcoRI

Cloning sites: EcoRI

Markers: ampR

Replicon: pMB1; SV40 ori

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--5.2, 0.65; KpnI--4.0, 1.85; NcoI/XbaI--3.4, 2.35; PstI--2.4, 1.85, 1.6; SstI--5.9.

- ATCC staff

Contains the complete coding sequence (nt 10-2472).

- Growth Factors 4: 197-208, 1991

A 450 bp fragment from the 5' end (encoding the extracellular domain) detects transcripts of 4.0 kb and 4.8 kb.

- Growth Factors 4: 197-208, 1991

The 3' EcoRI site was destroyed during cloning.

- Growth Factors 4: 197-208, 1991

The insert contains the following restriction sites (approximate kb from the 5' end): BglI--0.32, 1.34, 1.73, 2.76; BglII--0.93, 2.08, 2.69; EcoRI--0.59; KpnI--1.21, 3.01; PstI--0.16, 1.72; PvuII--0.22, 0.73, 2.25, 2.51; SacI--2.35.

- Growth Factors 4: 197-208, 1991

More information may be available from ATCC (<http://www.atcc.org> or 703-365-2620).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: hFGFR-1 (ATCC 80042)

References

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

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