



HF [hSNF2L]

79558™

Product Sheet

Description

Organism: *Homo sapiens*, human

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): 3.6000000000000001

Type of DNA: cDNA

Insert source: fibroblast

Insert tissue: fibroblast

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: M88163

Genome: Homo sapiens

Chromosome: X

X q25

Gene name: SNF2 (sucrose nonfermenting, yeast, homolog)-like

Gene product: SNF2 (sucrose nonfermenting, yeast, homolog)-like [SNF2L]

Gene symbol: SNF2L

Contains complete coding sequence: Yes

Insert end: Modification: EcoRI linkers

Vector Information

Construct size (kb): 6.800000190734863

Intact vector size: 3.200

Vector name: pGEM-3Zf(-)

Type of vector: phagemid

Host range: *Escherichia coli*

Vector end: EcoRI

Cloning sites: EcoRI; SacI; KpnI; Aval; SmaI; BamHI; XbaI; Sall; Accl; HincII; PstI; SphI; HindIII

Insert detection: lacZ'

Markers: ampR

Polylinker sites: T7-EcoRI; SacI; KpnI; Aval; SmaI; BamHI; XbaI; Sall; Accl; HincII; PstI;

SphI; HindIII-SP6

Promoters: lac; SP6; T7

Replicon: pMB1; f1

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--3.2, 2.6, 0.7, 0.3; HindIII--4.0, 1.4, 1.3, 0.2; PvuII--2.7 (doublet), 1.35; SacI--5.5, 0.9, 0.45; SalI--4.0, 2.2, 0.6.

- ATCC staff

Contains the complete coding sequence (nt 142-3072).

- Nucleic Acids Res. 20: 4649-4655, 1992

The insert detects a 4.4 kb transcript in the following human tissues: heart, brain, placenta, lung, liver, skeletal muscle and kidney.

- Nucleic Acids Res. 20: 4649-4655, 1992

Sequence shows strong homology to the *Saccharomyces cerevisiae* transcription activator genes SNF2/SWI2 and STH1.

- Nucleic Acids Res. 20: 4649-4655, 1992

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

EcoRI--2681, 2938; HindIII--871, 2122, 3478; NcoI--2933; NdeI--434; PstI--998, 2006; PvuII--2603; SacI--2299, 3180; SalI--900, 1496; XhoI--2558.

- Nucleic Acids Res. 20: 4649-4655, 1992

More information may be available from ATCC
(<http://www.atcc.org> or 703-365-2700).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: HF [hSNF2L] (ATCC 79558)

References

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

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