



6/6/2001

95690™

Description

Detects:

Genome: *Homo sapiens*

Tissue: HT29, HG2, and Mel cell lines

Gene symbol: SFRS2

Type of nucleic acid: mRNA

Invariant bands (kb): 3.0, 2.2

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): 0.8299999999999996

Type of DNA: cDNA

Insert source: B lymphocyte

Insert tissue: B lymphocyte

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Insert 5' end:

Insert 3' end: HindIII

Cross references: DNA Seq. Acc.: M90104

Nucleotides 1-823 of the insert correspond to nucleotides 142-964 of M90104.

Genome: Homo sapiens

Gene name: splicing factor, arginine/serine-rich 2

Gene product: splicing factor, arginine/serine-rich 2(myelin regulatory factor 1, splicing factor Sc35, splicing factor SC35) [SC35]

Gene symbol: SFRS2; SC35

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 3.299999952316284

Intact vector size: 2.464

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Vector name: pSP73

Type of vector: plasmid

Host range: *Escherichia coli*

Vector end: EcoRV; HindIII

Vector information:

Cross references: DNA Seq. Acc.: X65333

Cloning sites: BglII; EcoRV; ClaI; EcoRI; SacI; KpnI; SmaI; BamHI; XbaI; SalI; AclI; PstI;

SphI; HindIII; PvuII; XhoI

Markers: ampR

MCS: XhoI...BglII, ->

Polylinker sites: BglII; EcoRV; ClaI; EcoRI; SacI; KpnI; SmaI; BamHI; XbaI; SalI; AclI; PstI;

SphI; HindIII; PvuII; XhoI

Promoters: T7; SP6

Replicon: pMB1

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):

EcoRV/HindIII--2.4, 0.83; EcoRV--3.3; HindIII--3.3; BglI--3.3; BglII--2.7, 0.62.

Recommended for verification: EcoRV, HindIII, EcoRV/HindIII, BglII, BglI. The

insert contains the following restriction sites (approximate kb from the 5'

end): StyI--0.24, 0.37; SalI--0.48; BglII--0.55. The 3' HindIII site is

naturally occurring (nt 964 of the sequence record). The 5' end was generated by

deletion and two restriction sites remain upstream, BglII and EcoRV.

- ATCC staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: 6/6/2001 (ATCC 95690)

References

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

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Product Sheet

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