



# 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)

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### Storage Conditions

**Product format:** Freeze-dried

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### 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.

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### 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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## 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

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## Vector Information

**Construct size (kb):** 3.2999999952316284

**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

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## Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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## 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)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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Product Sheet

## Contact Information

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