



# Sp2

## 95506™

### Description

Detects:

Genome: *Homo sapiens*

Tissue: Jurkat, BJA-B, K562 and HeLa cell lines

Gene symbol: SP2

Type of nucleic acid: mRNA

Invariant bands (kb): 3.2

**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):** 2.7000000000000002

**Type of DNA:** cDNA

**Insert source:** Molt13 cell line

**Insert tissue:** Molt13 cell line

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: M97190

Nucleotides 1-2063 of the insert correspond to nucleotides 1-2063 of M97190.

**Genome:** Homo sapiens

**Target gene:** Sp2 transcription factor

**Gene name:** Sp2 transcription factor

**Gene product:** Sp2 transcription factor(Trans-acting transcription factor 2) [SP2]

**Gene symbol:** SP2

**Contains complete coding sequence:** Yes

**Insert end:** NotI; NotI linker

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## Vector Information

**Construct size (kb):** 5.699999809265137

**Intact vector size:** 2.961

**Vector name:** pBluescript II KS-

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**Type of vector:** phagemid

**Host range:** *Escherichia coli*

**Vector end:** NotI

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

**Insert detection:** lacZ', <-, 816-938

**Markers:** ampR

**MCS:** SacI...KpnI, ->, 657-759

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

**Primer site:** M13-20, ->; reverse, <-

**Promoters:** T7; T3

**Replicon:** f1, →, 3-459; pMB1, 1032-1972

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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): BglI--2.75, 1.25, 1.05, 1.0; NotI--3.0 (doublet); PstI--4.8, 1.15; PvuII--2.6, 1.8, 0.76, 0.66 +smaller fragments; SphI--6.0.

- ATCC staff

Insert contains the following restriction sites (approximate kb from the 5' end): BglI--1.29; PstI--0.07, 1.14; PvuII--0.34, 0.90, 1.05, 1.14, 1.22, 1.30, 1.39, 1.46; SacI--1.72, 2.06; SmaI--1.50; SphI--1.73.

- Mol. Cell. Biol. 12: 4251-4261, 1992

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Sp2 (ATCC 95506)

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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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