



# Sp3

## 95504™

### Description

Detects:

Genome: *Homo sapiens*

Tissue: Jurkat, Peer, AN4.4, 2052C, 2052D, BJA-B, 300-19, K562, MEL, HeLa, and NIH 3T3 cell lines

Gene symbol: SP3

Type of nucleic acid: mRNA

Invariant bands (kb): 4.2

**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):** 2.3999999999999999

**Type of DNA:** cDNA

**Insert source:** Hut78 cell line, PMA activated

**Insert tissue:** Hut78 cell line, PMA activated

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: M97191

Nucleotides 1-2221 of the insert correspond to nucleotides 1-2221 of M97191.

**Genome:** Homo sapiens

**Target gene:** Sp3 transcription factor

**Gene name:** Sp3 transcription factor

**Gene product:** Sp3 transcription factor [SP3]

**Gene symbol:** SP3

**Contains complete coding sequence:** Yes

**Insert end:** EcoRI

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## Vector Information

**Construct size (kb):** 4.9000000095367432

**Intact vector size:** 2.462

**Vector name:** pSP72

**Type of vector:** plasmid

**Host range:** *Escherichia coli*

**Vector end:** EcoRI

**Vector information:**

Cross references: DNA Seq. Acc.: X65332

**Cloning sites:** XhoI; PvuII; HindIII; SphI; PstI; SalI; AccI; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI; ClaI; EcoRV; BglII

**Markers:** ampR

**Polylinker sites:** XhoI; PvuII; HindIII; SphI; PstI; SalI; AccI; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI; ClaI; EcoRV; BglII

**Promoters:** SP6; T7

**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): BglII--3.8, 0.96; EcoRI--2.5, 2.2; NotI--4.7; PstI--3.0, 0.8, 0.6, 0.3; XbaI--4.7.

- ATCC staff

Insert contains the following restriction sites (approximate kb from the 5' end): BglII--0.89; EcoRI--0.0, 2.22; EcoRV--2.07; KpnI--1.63; NcoI--1.06; NotI--0.04; PstI--0.66, 1.43, 1.98; PvuII--1.12; SacI--1.71; XbaI--0.62.

- 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: Sp3 (ATCC 95504)

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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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## Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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