



Sp2

95507™

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

Shipping information: Rehydrate with TE

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): 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

Vector Information

Construct size (kb): 5.699999809265137

Intact vector size: 2.961

Vector name: pBluescript II KS-

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

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Sp2 (ATCC 95507)

References

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

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