



BL29-14

5541™

Description

- **Organism** *Homo sapiens*, human
 - **Clone type** Clone
 - **Shipping information** Rehydrate with TE
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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.

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)** 1.502
 - **Type of DNA** cDNA
 - **Insert source** BL29 cell line
 - **Insert tissue** BL29 cell line
 - **Insert information**
DESCRIPTION OF INSERT COMPONENT:
Disease: Burkitt's lymphoma
Cross references: DNA Seq. Acc.: T46905; EST: EST014; Primer: T7; THC id: THC112095
Disease: Burkitt's lymphoma
Nucleotides 1-1502 of the insert correspond to nucleotides 1-1502 of T46905.
 - **Genome** Homo sapiens
 - **Chromosome** 18
 - **Gene name** DNA Segment, single copy, expressed
 - **Gene product** DNA Segment, single copy, expressed [D18S950E]
 - **Gene symbol** D18S950E
 - **Contains complete coding sequence** Unknown
 - **Insert end** Modification: EcoRI linker
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Vector Information

- **Construct size (kb)** 4.401999950408936
 - **Intact vector size** 2.960
 - **Vector name** pBluescript SK-
 - **Type of vector** phagemid
 - **Construction** pUC19
 - **Host range** *Escherichia coli*
 - **Vector end** EcoRI
 - **Cloning sites** KpnI; ApaI; DraII; XhoI; Sall; HincII; AccI; ClaI; HindIII; EcoRV; EcoRI; PstI; SmaI; BamHI; SpeI; XbaI; EagI; NotI; SacII; BstXI; SacI
 - **Insert detection** lacZ', <-
 - **Markers** ampR
 - **MCS** KpnI...SacI, ->
 - **Polylinker sites** SacI; BstXI; SacII; NotI; EagI; XbaI; SpeI; BamHI; SmaI; PstI; EcoRI; EcoRV; HindIII; (ClaI Bsp106I); (HincII AccI SalI); XhoI; (Eco0109I DraII ApaI); KpnI
 - **Primer site** M13-20, ->; M13 reverse, <-
 - **Promoters** T7; T3; lac
 - **Replicon** f1, ->; pMB1
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Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--3.0, 0.9, 0.6; BamHI--4.3; HindIII--4.3; BglI--3.2, 1.2; PvuII--2.3, 1.3, 0.5, 0.2.

Recommended for verification: EcoRI--2.9, 0.9, 0.6; PstI--4.2, 0.2; PvuII--2.5, 1.4, 0.4, 0.1; BamHI--4.4.

- ATCC staff

The insert contains the following restriction sites (approximate kb from the T7 end of the insert): NcoI--0.71; EcoRI--0.91, PvuII--1.2, 1.3; PstI--1.3.

- GenBank/EMBL/DDBJ

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: BL29-14 (ATCC 95541)

References

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

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