



B2329 [EST41698, SGC32142]

5514™

Description

- **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.

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.

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Insert Information

- **Insert size (kb)** 0.90000000000000002
 - **Type of DNA** cDNA
 - **Insert source** infant brain, 3 months old (from Bento Soares)
 - **Insert tissue** infant brain, 3 months old (from Bento Soares)
 - **Insert information**
DESCRIPTION OF INSERT COMPONENT:
Insert 5' end: Modification: HindIII
Insert 3' end: Modification: NotI
Cross references: DNA Seq. Acc.: T15978
 - **Genome** Homo sapiens
 - **Chromosome** 11
11, 136.389999 cR
 - **Gene name** DNA Segment, expressed
 - **Gene product** DNA Segment, expressed
 - **Contains complete coding sequence** Unknown
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Vector Information

- **Construct size (kb)** 4.199999809265137
 - **Intact vector size** 3.153
 - **Vector name** lafmid BA
 - **Type of vector** phagemid
 - **Construction** pGEM
 - **Host range** *Escherichia coli*
 - **Vector end** HindIII; NotI
 - **Vector information**
Other unique sites: ClaI, XmnI, ScaI, ApaLI
 - **Cloning sites** HindIII; BamHI; NotI; EcoRI
 - **Insert detection** lacZ', <-, 594-1119
 - **Markers** ampR
 - **MCS** EcoRI/NotI/BamHI/HindIII, ->, 1061-1098
 - **Polylinker sites** HindIII; BamHI; NotI; EcoRI
 - **Primer site** M13 universal, ->; M13 reverse, <-
 - **Promoters** lac
 - **Replicon** f1, ←, 100-556; pMB1, ←, 1518-1518
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Growth Conditions

- **Medium**

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[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): HindIII--3.3, 0.94; NotI--4.5; HindIII/NotI--3.4, 0.92; PstI--4.5; EcoRI--4.5.
- ATCC staff

Derived from a directionally cloned library with an average insert size of 1.7 kb. Inserts can be amplified with the M13 universal (forward) and reverse primers. The primers can also be used to generate sequence from the 3' or 5' ends, respectively.
- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: IB2329 [EST41698, SGC32142] (ATCC 95514)

References

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

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