pTZA1

95517™

Description

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): 4.9000000000000004
Type of DNA: cDNA
Insert source: B-lymphocytes
Insert tissue: B-lymphocytes
Insert information:
DESCRIPTION OF INSERT COMPONENT:
Insert 5' end: BamHI
Insert 3' end: EcoRI
Cross references: DNA Seq. Acc.: X13294
Nucleotides 1-2317 of the insert correspond to
nucleotides 25-2341 of X13294.
DNA Seq. Acc.: X66087
Nucleotides 1270-4857 of the insert correspond to
nucleotides 1-3587 of X66087.
Genome: Homo sapiens
Chromosome: 8
8 q22
Target gene: avian myeloblastosis viral (v-myb) oncogene homolog-like 1
Gene name: avian myeloblastosis viral (v-myb) oncogene homolog-like 1
Gene product: avian myeloblastosis viral (v-myb) oncogene homolog-like 1 [MYBL1]
Gene symbol: MYBL1
Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 7.800000190734863
Intact vector size: 2.900
Vector name: pTZ19
Type of vector: phagemid
Construction: pUC19, Escherichia coli lacZalpha, pBR322, f1

Host range: *Escherichia coli*
Vector end: BamHI; EcoRI
Cloning sites: HindIII; SphI; PstI; SalI; AccI; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI
Enhancer: none
Insert detection: lacZ'
Markers: ampR
Polylinker sites: HindIII; SphI; PstI; SalI; AccI; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI
Promoters: lac; T7
Replicon: pMB1; f1
Terminator: none

Notes

Restriction digests of the clone give the following sizes (kb):
BamHI/EcoRI--3.6, 3.0, 0.62, 0.35, 0.21, 0.19; EcoRI--3.6(doublet), 0.35, 0.23, 0.19; HindIII--4.8, 3.1; PstI--5.3, 2.4, 0.21; PvuII--4.3, 2.6, 1.1.
Recommendation for verification: BamHI+EcoRI--3.5, 3.0, 0.6, 0.3, 0.18, 0.15; EcoRI--3.6, 3.5, 0.3, 0.2, 0.15; HindIII--4.7, 3.1; PstI--5.1, 2.4, 0.3; PvuII--4.2, 2.6, 1.0.
- ATCC staff

Insert contains the following restriction sites (approximate kb from the 5' end): BglI--1.13; BglII--1.74; EcoRI--0.64, 0.96, 1.11, 1.29; EcoRV--2.31; HindIII--3.11; KpnI--1.75, 3.45; NdeI--0.75; NcoI--1.31; PstI--2.40, 2.69; PvuII--0.93; SacI--2.35.
- GenBank/EMBL/DDBJ

There are internal EcoRI sites. The coding portion of the insert can be excised with HindIII.
- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pTZA1 (ATCC 95517)

References

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

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