



pKA-1

79958™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* ED8767

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): 16.420999999999999

Type of DNA: genomic

Insert source: chronic myelogenous leukemia K-562 cell line

Insert tissue: chronic myelogenous leukemia K-562 cell line

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: U07562

Nucleotides 1-16321 of the insert correspond to nucleotides 42692-59012 of U07562.

Genome: Homo sapiens

Chromosome: 9

9 q34.1

Gene name: Abelson murine leukemia viral (v-abl) oncogene homolog 1

Gene product: Abelson murine leukemia viral (v-abl) oncogene homolog 1 [ABL]

Gene symbol: ABL1; ABL

Alleles: D1, D2, D1, D2, A1, A2, B2, C1, C2, A1, A2, B1, B2, C1, C2, B1

Contains complete coding sequence: No

Insert end: EcoRI

Vector Information

Construct size (kb): 19.10000038146973

Intact vector size: 2.700

Vector name: pUC

Type of vector: plasmid

Host range: *Escherichia coli*

Vector end: EcoRI

Enhancer: none

Insert detection: lacZ'

Markers: ampR

Promoters: lac

Replicon: pMB1

Terminator: none

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 30°C

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--9.2, 6.4, 2.3, 2.1; BglI--7.2, 5.5, 2.5, 2.2, 1.3, 1.2; HindIII--11.5, 7.6, 0.82; PstI--5.1, 4.8, 3.75, 2.7, 2.1, 0.73, 0.64; EcoRI--7.0, 5.0, 2.65, 2.15, 1.1, 0.92, 0.38.

- ATCC staff

The insert contains part of the intron between exon 1b and exon 1a.

- personal communication

More information may be available from ATCC (<http://www.atcc.org> or 703-365-2620).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pKA-1 (ATCC 79958)

References

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

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Revision

This information on this document was last updated on 2024-10-25

Contact Information

ATCC

10801 University Boulevard

pKA-1
79958

Product Sheet

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
