



KBP5

79948™

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

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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):** 39.198999999999998**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.: U07000

Nucleotides 1-39199 of the insert correspond to nucleotides 85435-124633 of U07000.

Genome: Homo sapiens**Chromosome:** 22

22 q11

Gene name: breakpoint cluster region**Gene product:** breakpoint cluster region [BCR]**Gene symbol:** BCR; BCR1**Alleles:** A1, A1, A2, A2**Contains complete coding sequence:** No**Insert end:** Mbol**Vector Information****Construct size (kb):** 48.40000152587891**Intact vector size:** 9.201**Vector name:** svPHEP**Type of vector:** cosmid**Host range:** *Escherichia coli***Vector end:** BamHI**Vector information:**

Cross references: DNA Seq. Acc.: L19900

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Cloning sites: BamHI; ClaI**Markers:** ampR**Polylinker sites:** HindIII; ClaI; EcoRI; BamHI**Replicon:** pMB1

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--20.0, 12.5, 10.5, 7.0, 1.45, 0.52; BglII--13.5, 9.8, 7.0, 6.2, 4.8, 2.7, 2.6, 1.75, 0.92, 0.54; EcoRI--20.0, 17.0, 6.6, 2.75, 1.2, 1.1, 0.6; SstI--7.5, 6.4, 4.4, 3.8, 3.5 (doublet), 3.35, 2.15, 2.05, 1.7, 1.45, 1.3, 0.62, 0.4; XbaI--18.0 (doublet), 10.5, 2.35; Sall--33.0, 16.0. IMPORTANT: To prevent amplification of a rearranged and/or deleted cosmid, we recommend streaking on LB + amp plates at 30C and picking small colonies for liquid culture.

- ATCC staff

The insert begins in intron 3' and continues into exon 15. This region includes an open reading frame (96845-97681) that appears to be expressed.

- 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: KBP5 (ATCC 79948)

References

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

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Product Sheet

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