



HEL-311 [HEL-31]

80022™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

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): 1.8

Type of DNA: cDNA

Insert source: erythroid leukemia (HEL) cell line

Insert tissue: erythroid leukemia (HEL) cell line

Insert information:

DESCRIPTION OF INSERT COMPONENT:

receptor)

Cross references: DNA Seq. Acc.: L06850

Nucleotides 1-1820 of the insert correspond to nucleotides 1-1820 of L06850.

Genome: Homo sapiens

Chromosome: 7

7 q11.2

Gene name: CD36 antigen (collagen type I receptor, thrombospondin receptor) - like 1

Gene product: CD36 antigen (collagen type I receptor, thrombospondin receptor) [CD36]

Gene symbol: CD36

Contains complete coding sequence: Yes

Insert end: EcoRI

Vector Information

Construct size (kb): 6.300000190734863

Intact vector size: 2.686

Vector name: pUC18

Type of vector: plasmid

Construction: pUC71K

Host range: *Escherichia coli*

Vector end: EcoRI

Vector information:

Cross references: DNA Seq. Acc.: L08752

Cloning sites: HindIII; SphI; PstI; SalI; Accl; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI

Insert detection: lacZ', <-

Markers: ampR

MCS: HindIII...EcoRI, ->

Polylinker sites: HindIII; SphI; PstI; SalI; Accl; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI

Promoters: lac

Replicon: pMB1, <-

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--3.05, 1.85, 1.25; EcoRI--2.55, 1.85 (doublet); PstI--2.9, 1.1, 0.67, 0.60, 0.32; PvuII--2.25, 1.85, 1.5, 0.8; XbaI--4.0, 1.85, 0.30. Contains two inserts, tandemly repeated.

- ATCC staff

Oriented with the 5' end closer to the HindIII site of the polylinker.

- personal communication

The insert is an alternatively spliced product containing exon 2b in the 5' untranslated region.

- Gene 133: 205-212, 1993

The insert contains the following restriction sites (approximate kb from the 5' end): BamHI--0.68; NdeI--1.10; PstI--0.47, 0.75, 1.29; PvuII--0.56; SphI--1.52;

XbaI--1.65.

- Gene 133: 205-212, 1993

More information may be available from ATCC
(<http://www.atcc.org> or 703-365-2700).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: HEL-311 [HEL-31] (ATCC 80022)

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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Contact Information

ATCC

10801 University Boulevard

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
