



# HEL-311 [HEL-31]

80023™

## Description

**Organism:** *Homo sapiens*, human

**Clone type:** Clone

**Shipping information:** Rehydrate with TE

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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.

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## 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.

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## 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](http://www.atcc.org).

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### 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

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### 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

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**Vector information:**

Cross references: DNA Seq. Acc.: L08752

**Cloning sites:** HindIII; SphI; PstI; Sall; Accl; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI**Insert detection:** lacZ', <-**Markers:** ampR**MCS:** HindIII...EcoRI, ->**Polylinker sites:** HindIII; SphI; PstI; Sall; Accl; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI**Promoters:** lac**Replicon:** pMB1, <-

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### 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

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### Material Citation

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If use of this material results in a scientific publication, please cite the material in the following manner: HEL-311 [HEL-31] (ATCC 80023)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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### Revision

This information on this document was last updated on 2025-09-09

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## HEL-311 [HEL-31]

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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](mailto:tech@atcc.org) or contact your local distributor

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