



# HGR4.5 [HUMGRA1]

80008™

## Description

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

**Clone type:** Clone

**Host:** *Escherichia coli* HB101 (ATCC 33694)

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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

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):** 4.5

**Type of DNA:** genomic

**Insert source:** leukocyte

**Insert tissue:** leukocyte

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: M73050

**Genome:** Homo sapiens

**Chromosome:** 5

5 q31-q32

**Gene name:** glucocorticoid receptor

**Gene product:** glucocorticoid receptor [GRL]

**Gene symbol:** GRL

**Contains complete coding sequence:** Unknown

**Insert end:** EcoRI

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## Vector Information

**Construct size (kb):** 8.90000057220459

**Intact vector size:** 4.363

**Vector name:** pBR322

**Type of vector:** plasmid

**Construction:** pBR313

**Host range:** *Escherichia coli*

**Vector end:** EcoRI

**Vector information:**

Cross references: DNA Seq. Acc.: J01749

**Cloning sites:** EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; SalI; XmaIII; NruI; BspMI; BsmI;

StyI; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII

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**Markers:** ampR; tetR

**Replicon:** pMB1

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## Growth Conditions

### Medium:

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

**Temperature:** 37°C

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## Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--4.8, 4.5; HindIII--9.3; PstI--6.2, 3.0; SacI--8.6, 0.52; XbaI--9.3.

- ATCC staff

Contains the promoter region, exon 1 and part of intron 1.

- J. Biol. Chem. 266: 8711-8719, 1991

Subcloned from lambdaGHGR-5. ATCC 80008/9 and ATCC 80010/11 are contiguous in the genome.

- J. Biol. Chem. 266: 8711-8719, 1991

The insert contains the following restriction sites (approximate kb from the 5' end: SmaI--1.8, 3.4; SacI--2.1, 2.6; PstI--2.4; NcoI--2.8, XbaI--4.1.

- J. Biol. Chem. 266: 8711-8719, 1991

GenBank M73050 corresponds to the SmaI fragment.

- J. Biol. Chem. 266: 8711-8719, 1991

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

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: HGR4.5 [HUMGRA1] (ATCC 80008)

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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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