



HGR3.5 [HUMGRA2]

80011™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Shipping information: Rehydrate with TE

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): 3.5

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.: M73816

Nucleotides 1-1628 of the insert correspond to nucleotides 1-1628 of M73816 with 100% identity.

Genome: Homo sapiens

Chromosome: 5

5 q31-q32

Gene name: glucocorticoid receptor

Gene product: glucocorticoid receptor [GRL]

Gene symbol: GRL

Contains complete coding sequence: Yes

Insert end: EcoRI

Vector Information

Construct size (kb): 7.900000095367432

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

Markers: ampR; tetR

Replicon: pMB1

Notes

Restriction digests of the clone give the following sizes (kb): BglI--3.3, 2.4, 2.0, 0.26; EcoRI--4.4, 3.4; HindIII--4.8, 1.1, 0.68, 0.60, 0.50, 0.30; PvuII--3.9, 2.4, 1.8; SalI--6.5, 1.6.

- ATCC staff

Contains part of intron 1, exon 2 and part of intron 2.

- 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): BglI--0.93; BglII--0.64, 1.20; HindIII--0.14, 0.77, 1.34; PvuII--0.16; SalI--0.81.

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

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: HGR3.5 [HUMGRA2] (ATCC 80011)

References

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

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