



# hMR(1-516)

80020™

## 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):** 3.677

**Type of DNA:** genomic

**Insert source:** lymphocyte

**Insert tissue:** lymphocyte

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: M80582

Nucleotides 1-3677 of the insert correspond to nucleotides 1-3677 of M80582.

**Genome:** Homo sapiens

**Chromosome:** 4

4 q31; 4, cR

**Gene name:** mineralocorticoid receptor (aldosterone receptor)

**Gene product:** mineralocorticoid receptor (aldosterone receptor) [MLR]

**Gene symbol:** mLR

**Contains complete coding sequence:** Unknown

**Insert end:** EcoRI

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## Vector Information

**Construct size (kb):** 6.619999885559082

**Intact vector size:** 2.960

**Vector name:** pBluescript SK-

**Type of vector:** phagemid

**Construction:** pUC19

**Host range:** *Escherichia coli*

**Vector end:** EcoRI

**Cloning sites:** KpnI; Apal; Drall; XhoI; Sall; HincII; Accl; ClaI; HindIII; EcoRV; EcoRI; PstI;

SmaI; BamHI; SpeI; XbaI; EagI; NotI; SacII; BstXI; SacI

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**Insert detection:** lacZ', <-**Markers:** ampR**MCS:** KpnI...SacI, ->**Polylinker sites:** SacI; BstXI; SacII; NotI; EagI; XbaI; SpeI; BamHI; SmaI; PstI; EcoRI; EcoRV; HindIII; (ClaI Bsp106I); (HincII AccI SalI); XhoI; (Eco0109I DraII ApaI); KpnI**Primer site:** M13-20, -> M13 reverse, <-**Promoters:** lac; T3; T7**Replicon:** f1, →; 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): BamHI--3.6, 3.4; EcoRI-- 4.0, 3.0; HindIII--4.3, 2.7; KpnI--4.4, 2.5; XbaI--4.5, 2.3.

- ATCC staff

Contains regulatory elements and an open reading frame for aa 1-516 (nt 2124-3677), terminating at the EcoRI site.

- J. Steroid Biochem. Mol. Biol. 39: 91-103, 1991

The insert contains the following restriction sites (approximate kb from the 5' end): BamHI--3.17; BglII--1.46; HindIII--1.0; KpnI--1.34; NcoI--0.67, 2.43; PstI--2.96; PvuII--2.54; SacI--2.63; XbaI--2.16.

- J. Steroid Biochem. Mol. Biol. 39: 91-103, 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: hMR(1-516) (ATCC 80020)

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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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