



pH9RA3

79004TM

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): 2.2999999999999998

Type of DNA: cDNA

Insert source: megakaryoblastic leukemia Mo7E cell line

Insert tissue: megakaryoblastic leukemia Mo7E cell line

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: M84747

Genome: Homo sapiens

Target gene: interleukin 9 receptor

Gene name: interleukin 9 receptor

Gene product: interleukin 9 receptor [IL9R]

Gene symbol: IL9R

Contains complete coding sequence: Yes

Insert end: BstXI

Vector Information

Construct size (kb): 7.400000095367432

Intact vector size: 5.100

Vector name: pRc/RSV

Type of vector: phagemid

Construction: pUC19, RSV, bovine growth hormone

Host range: vertebrate cells

Vector end: BstXI

Cloning sites: HindIII; SpeI; BstXI; NotI; XbaI

Markers: neoR; G418R; ampR

Polylinker sites: HindIII; KpnI; SacI; BamHI; SpeI; XmaIII; BstXI; EcoRI; PstI; EcoRV; BstXI; NotI; XhoI; SphI; NsiI; XbaI

Promoters: RSV LTR

Replicon: pMB1; M13

Terminator: BGH polyadenylation

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):

HindIII/NotI--5.4, 2.5; BamHI--3.0, 2.85, 2.1; PstI--6.4, 1.5; SmaI--5.2, 2.75;

EcoRI--4.4, 3.5.

- ATCC staff

The 5' end of the insert is adjacent to the unique HindIII and SpeI sites of the MCS; the 3' end of the insert is adjacent to the unique NotI site of the MCS.

The insert contains the following restriction sites (approximate kb from the 5' end): PstI--0.08, XbaI--0.33; SfiI--1.17; SmaI--1.33; SacI--1.34, 1.57, 2.25.

- personal communication

Contains the complete coding sequence (nt 180-1748) plus 5' and 3' untranslated regions.

- Proc. Natl. Acad. Sci. USA 89: 5690-5694, 1992

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: pH9RA3 (ATCC 79004)

References

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

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