



S-ENDO3.3

95508™

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

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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): 3.1000000000000001

Type of DNA: cDNA

Insert source: HL-60 cell line, PMA-treated

Insert tissue: HL-60 cell line, PMA-treated

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: X72012

Nucleotides 1-3073 of the insert correspond to nucleotides 1-3073 of X72012.

Genome: Homo sapiens

Chromosome: 9

9 q34.1

Gene name: endoglin (Osler-Rendu-Weber syndrome 1)

Gene product: endoglin (Osler-Rendu-Weber syndrome 1)(Endoglin) [END]

Gene symbol: ENG; HHT1; ORW1; END

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 5.800000190734863

Intact vector size: 2.700

Vector name: pUC13

Type of vector: plasmid

Construction: pBR322, Escherichia coli lacZalpha, M13mp11

Host range: *Escherichia coli*

Vector end: EcoRI

Cloning sites: HindIII; PstI; Sall; Accl; HincII; XbaI; BamHI; SmaI; SacI; EcoRI

Enhancer: none

Insert detection: lacZ'

Markers: ampR

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Polylinker sites: HindIII; PstI; Sall; Accl; HincII; Xbal; BamHI; Smal; SacI; EcoRI

Promoters: lac

Replicon: pMB1

Terminator: none

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): EcoRI--3.2, 2.7; HindIII--5.9; BamHI/mLul--3.0, 2.3, 0.58; BamHI--3.0, 2.9; PstI--4.4, 0.87, 0.68. Recommendation for verification: EcoRI--3.1, 2.7; BamHI+mLul--3.1, 2.1, 0.56 for orientation; HindIII--5.8; BamHI--3.1, 2.7.

- ATCC staff

The insert contains the following restriction sites (approximate kb from the 5' end): BamHI--2.7; BglI--3.0; PstI--0.33, 1.04, 1.28.

- GenBank/EMBL/DDBJ

Encodes the S-isoform with a monomeric molecular weight of 85 kDa. This form, which is not the predominant one, includes an exon of 135 bp.

- Eur. J. Immunol. 23: 2340-2345, 1993

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: S-ENDO3.3 (ATCC 95508)

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References

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

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