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

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; SalI; AccI; HincII; XbaI; BamHI; SmaI; SacI; EcoRI
Enhancer: none
Insert detection: lacZ'
Markers: ampR

Polylinker sites: HindIII; PstI; SalI; AccI; HincII; XbaI; BamHI; SmaI; 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/mLuI--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+mLuI--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)

References

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

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Revision

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