



HuHsp90-#2

79052™

Product Sheet

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): 2.7389999999999999

Type of DNA: cDNA

Insert source: fetal liver

Insert tissue: fetal liver

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: M16660

Nucleotides 13-2524 of the insert correspond to nucleotides 32-2543 of M16660.

Genome: Homo sapiens

Chromosome: 6 p12

Gene name: heat shock 90kD protein 1, beta

Gene product: heat shock 90kD protein 1, beta [HSPC2]

Gene symbol: HSPCB; HSPC2

Contains complete coding sequence: Yes

Insert end: Sall

Vector Information

Construct size (kb): 5.6999999809265137

Intact vector size: 2.964

Vector name: pBluescript KS-

Type of vector: phagemid

Construction: pUC19

Host range: *Escherichia coli*

Vector end: Sall

Cloning sites: SacII; XmaI; NotI; XbaI; SpeI; BamHI; SmaI; PstI; EcoRI; EcoRV; HindIII; ClaI; Sall HincII AclI; XhoI; DralI; ApaI; KpnI

Enhancer: none

Insert detection: lacZ'

Markers: ampR**Polylinker sites:** SEE COMMENTS**Promoters:** lac; T3; T7**Replicon:** pMB1; f1**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): BamHI--4.9, 0.7; HindIII--4.4, 1.4; KpnI--5.0, 0.64; Pvull--2.5, 1.7, 1.5; Sall--3.0, 2.7.

- ATCC staff

The genomic sequence is available in GenBank/EMBL/DDBJ accession J04988.

- GenBank/EMBL/DDBJ

The Sall insert contains the complete coding sequence and a poly(A) tail followed by a cloning artifact of approximately 180 bp. The insert contains the following restriction sites (approximate kb from the 5' end): BamHI--2.08; BglI--0.11; EcoRI--0.97, 1.05; HindIII--1.38; KpnI--0.60; PstI--2.17, 2.30; Pvull--1.16; SacI--1.30; XhoI--2.20, 2.31.

- personal communication

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: HuHsp90-#2 (ATCC 79052)

References

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

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