



Product Sheet

p97b (ATCC® 53403™)

Homo sapiens

Please read this FIRST



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Homo sapiens* (ATCC® 53403™)

Shipping Information

Distributed: freeze-dried

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: p97b

Notes

Restriction digests of the clone give the following sizes (kb):
EcoRI/HindIII--3.8, 2.75, 1.5; BamHI--6.6, 1.4; Sall--8.0.
- ATCC staff

Two errors in the sequence of the insert have been reported. Because of a base change, the lysine coded for at nt 1351 becomes threonine and a missing cytosine at nt 1930 causes an early truncation. The insert contains the following restriction sites (approximate kb from the 5' end): BamHI--1.3, 2.6; HindIII--2.7; PvuII--0.6, 1.6; SstI--0.4, 1.7, 2.3; Sall--1.3. Digestion with EcoRI and HindIII excises the insert in two fragments. The larger fragment contains the complete coding sequence, that extends approximately from nt 60 to nt 2300.

- personal communication

.tail_inf
.patent

Distributed In

Distribution host: *Escherichia coli* HB101

Insert Information

DNA: cDNA
DESCRIPTION OF INSERT COMPONENT:
Genome: human
Gene symbol: MFI2
Genomic copy number: unique
Gene name: antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5
Contains complete coding sequence?: Y
Chromosome: 3; Localization: 3 q28-q29
Type of DNA: cDNA
Insert 5' end: HindIII
Insert 3' end: EcoRI
Insert size (kb): 4.4
Cross references: DNA Seq. Acc.: M12154
Insert lengths(kb): 4.400000095367432
Gene product: antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5 [MFI2]

Vector Information

Construct size (kb): 8.5
DESCRIPTION OF VECTOR COMPONENT:
Name of vector: pEMBL18+
Intact vector size: 3.960
Type of vector: phagemid
Vector end: EcoRI
Vector end: HindIII
Cloning sites:
Polylinker sites:
Host range: *Escherichia coli*
Features (with orientation and position when available):
insert detection: lacZ'
marker(s): ampR
replicon: pMB1, f1
Cross references:

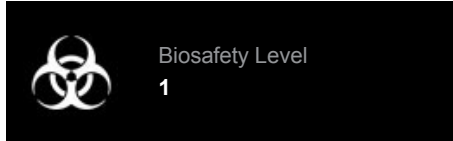


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Propagation

Growth Conditions

Temperature: 37.0°C

Medium

ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

References

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

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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