



Product Sheet

pEM304 [pHUMDUT2] (ATCC® 79039™)

Homo sapiens

Please read this FIRST



Biosafety Level
1

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® 79039™)

Shipping Information

Distributed: DNA (dried). Rehydrate with TE. (amount: 200 ng)

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: pEM304 [pHUMDUT2]

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--2.9, 0.8; HindIII--3.7; XmnI--2.2, 1.4, 0.2; SmaI--3.0, 0.7; SphI--2.95, 0.75.
- ATCC staff

The antisense strand is packaged. pEM303 (ATCC 79036/7) and pEM304 (ATCC 79038/9) differ only in the orientation of the insert.
- personal communication

Contains the complete coding sequence, and corresponds to nt 43-837 of the database record.
- Proc. Natl. Acad. Sci. USA 89: 8020-8024, 1992

The insert contains the following restriction sites (nt from the 5' end): SphI--43; SmaI--91, XmnI--653.
- Proc. Natl. Acad. Sci. USA 89: 8020-8024, 1992

Insert Information

DNA: cDNA
DESCRIPTION OF INSERT COMPONENT:
Genome: *Homo sapiens*
Gene symbol: DUT*
Genomic copy number: multiple
Gene name: dUTP pyrophosphatase (dUTPase)
Contains complete coding sequence?: Y
Chromosome: 15; Localization: 15, cR
Type of DNA: cDNA
Insert end: Modification: EcoRI adapters
Insert end: Modification: EcoRI adapters
Insert size (kb): 0.8
Cross references: DNA Seq. Acc.: M89913
Insert lengths(kb): 0.800000011920929
Gene product: dUTP pyrophosphatase [DUT*]
Target Gene: dUTP pyrophosphatase

Vector Information

Construct size (kb): 3.700000047683716
DESCRIPTION OF VECTOR COMPONENT:
Name of vector: pTZ19R
Intact vector size: 2.900
Type of vector: phagemid
Vector end: EcoRI
Vector end: EcoRI
Cloning sites: HindIII SphI PstI Sall Accl HincII XbaI BamHI SmaI KpnI SacI EcoRI
Polylinker sites: HindIII SphI PstI Sall Accl HincII XbaI BamHI SmaI KpnI SacI EcoRI
Construction: pUC19, Escherichia coli lacZalpha, pBR322, f1
Host range: Escherichia coli
Features (with orientation and position when available):
enhancer: none
insert detection: lacZ'
marker(s): ampR
promoter: lac, T7
replicon: pMB1, f1
terminator: none
Cross references:



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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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