



Product Sheet

## pEKXp3B (ATCC® 79125™)

### *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® 79125™)

#### Shipping Information

Distributed: freeze-dried

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

#### Description

Detects:  
Genome: Homo sapiens  
Gene symbol: CTRB1  
Type of nucleic acid: genomic  
Restriction enzyme: PvuII  
Number of alleles: 3  
Maximum heterozygosity (%): 38  
Alleles:  
Allele Freq. Size (kb) Strains  
D1 0.74 3.0  
D2 0.20 2.3  
D3 0.06 2.1  
**Designation:** pEKXp3B

#### Notes

Restriction digests of the clone give the following sizes (kb): XhoI--3.0, 1.1;  
PvuII--4.1; EcoRI--4.1; BamHI--3.0, 1.1; HindIII--4.1.  
- ATCC staff

#### Insert Information

DNA: cDNA  
DESCRIPTION OF INSERT COMPONENT:  
Genome: Homo sapiens  
Gene symbol: CTRB1  
Other gene symbols: CTRB  
Genomic copy number: unique  
Gene name: chymotrypsinogen B1  
Contains complete coding sequence?: U  
Chromosome: 16; Localization: 16 q23.1  
Tissue: pancreas  
Type of DNA: cDNA  
Insert end:  
Insert end:  
Insert size (kb): 1.1  
Cross references:  
Insert lengths(kb): 1.100000023841858  
Tissue: pancreas  
Gene product: chymotrypsinogen B1 [CTRB]  
Alleles: C1, C2, D1, D2, D3, C1, C2, D1, D2, D3

#### Vector Information

Construct size (kb): 4.099999904632568  
DESCRIPTION OF VECTOR COMPONENT:  
Name of vector: pcD  
Intact vector size: 3.000  
Type of vector: plasmid  
Cloning sites: XhoI BamHI  
Polylinker sites:  
Construction: pBR322, SV40  
Host range: vertebrate cells; Escherichia coli  
Features (with orientation and position when available):  
enhancer: SV40  
marker(s): ampR  
promoter: SV40 early, late  
replicon: pMB1, SV40  
terminator: SV40 late  
Cross references:



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#### References

References and other information relating to this product are available online at [www.atcc.org](http://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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This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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