

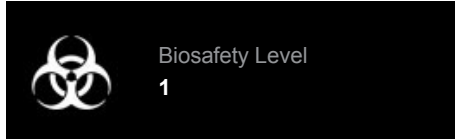


Product Sheet

## LL177 (ATCC® 99595™)

### *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® 99595™)

#### 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

Designation: LL177

#### Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--8.0, 0.96; HindIII--9.0; NotI--9.0; PstI--6.5, 1.5, 0.96; XbaI--9.0.  
- ATCC staff

#### Distributed In

Distribution host: Escherichia coli HB101 (ATCC 33694)

#### Insert Information

DNA: cDNA  
DESCRIPTION OF INSERT COMPONENT:  
Genome: Homo sapiens  
Gene symbol: CD80  
Other gene symbols: CD28LG; CD28LG1  
Gene name: CD80 antigen (CD28 antigen ligand 1, B7-1 antigen)  
ORF's seq. position: GDB probe: GDB:251792 ()  
Contains complete coding sequence?: Y  
Chromosome: 3; Localization: 3 q13.3-q21  
Type of DNA: cDNA  
Insert end: Modification: EcoRI adaptor  
Insert end: Modification: EcoRI adaptor  
Insert size (kb): 0.9  
Cross references: DNA Seq. Acc.: M27533  
Insert lengths(kb): 0.8999999761581421  
Gene product: CD80 antigen (CD28 antigen ligand 1, B7-1 antigen) [CD80]

#### Vector Information

Construct size (kb): 8.199999809265137  
DESCRIPTION OF VECTOR COMPONENT:  
Name of vector: pBJ  
Intact vector size: 7.300  
Type of vector: plasmid  
Vector end: EcoRI  
Vector end: EcoRI  
Cloning sites: XhoI XbaI SfiI NotI EcoRI EcoRV HindIII ClaI  
Polylinker sites: XhoI XbaI SfiI NotI EcoRI EcoRV HindIII ClaI  
Construction: pcDL-SRalpha296  
Host range: mammalian cells; Escherichia coli  
Features (with orientation and position when available):  
replicon: SV40  
promoter for expression: SV40 early region  
enhancer: HTLV-1 R-U5 segment of LTR  
MCS: XhoI.../ClaI, ->  
terminator: SV40 late region polydenylation signal  
replicon: pMB1  
marker(s): ampR, <-  
marker(s): neoR  
Cross references:

#### Propagation

##### Growth Conditions

Temperature: 37.0°C

##### Medium

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

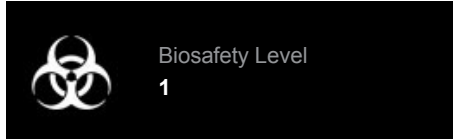


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#### References

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

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#### Disclaimers

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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](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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