



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

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: 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.



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

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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