



Product Sheet

## pSS38 (ATCC® 79068™)

### *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® 79068™)

#### 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: pSS38

#### Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--3.65; EcoRI/XbaI--2.85, 0.8; HindIII--3.65; PstI--2.85, 0.8; BamHI--3.65.  
- ATCC staff

Contains the complete coding sequence for the mature protein; nt 23-736 of the insert correspond to nt 349-1062 of the published sequence. The insert contains the following restriction sites (bp from the 5' end): BamHI--147; BglI--627; KpnI--338, 556; NcoI--716; PstI--26; PvuII--27.  
- personal communication

Detects transcripts of 3.5 and 1.0 kb.  
- J. Biol. Chem. 265: 13933-13938, 1990

More information may be available from ATCC (<http://www.atcc.org> or 703-365-2620).

#### Distributed In

Distribution host: *Escherichia coli* DH5deltaIac

#### Insert Information

DNA: cDNA  
DESCRIPTION OF INSERT COMPONENT:  
Genome: *Homo sapiens*  
Gene symbol: TIMP2  
Gene name: tissue inhibitor of metalloproteinase 2  
Contains complete coding sequence?: Y  
Chromosome: 17; Localization: 17 q25  
Tissue: A2058 melanoma cell line  
Type of DNA: cDNA  
Insert 5' end: EcoRI  
Insert 3' end: XbaI  
Insert size (kb): 0.791  
Cross references: DNA Seq. Acc.: J05593  
Insert lengths(kb): 0.7910000085830688  
Tissue: A2058 melanoma cell line  
Gene product: tissue inhibitor of metalloproteinase 2 [TIMP2]

#### Vector Information

Construct size (kb): 3.650000095367432  
DESCRIPTION OF VECTOR COMPONENT:  
Name of vector: pGEM-4  
Intact vector size: 2.870  
Type of vector: plasmid  
Vector end: EcoRI  
Vector end: XbaI  
Cloning sites: HindIII SphI PstI Sall Accl HincII XbaI BamHI Aval SmaI KpnI  
SacI EcoRI  
Polylinker sites: HindIII SphI PstI Sall Accl HincII XbaI BamHI Aval SmaI KpnI  
SacI EcoRI  
Host range: *Escherichia coli*  
Features (with orientation and position when available):  
MCS: EcoRI...HindIII, ->  
promoter for in vitro transcription: T7, <-  
replicon: pMB1  
marker(s): ampR, <-



Product Sheet

**pSS38 (ATCC® 79068™)**

***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® 79068™)

**Shipping Information**

Distributed: freeze-dried

promoter for in vitro transcription: SP6, ->  
Cross references: DNA Seq. Acc.: X65303

---

**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](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.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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).

© ATCC 2012. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [12/06]

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