



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

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: 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, <-



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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.

 **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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