



pSS38 79068™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* DH5deltalac

Storage Conditions

Product format: Freeze-dried

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

Insert size (kb): 0.79100000000000004

Type of DNA: cDNA

Insert source: A2058 melanoma cell line

Insert tissue: A2058 melanoma cell line

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Insert 5' end: EcoRI

Insert 3' end: XbaI

Cross references: DNA Seq. Acc.: J05593

Genome: Homo sapiens

Chromosome: 17

17 q25

Gene name: tissue inhibitor of metalloproteinase 2

Gene product: tissue inhibitor of metalloproteinase 2 [TIMP2]

Gene symbol: TIMP2

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 3.650000095367432

Intact vector size: 2.870

Vector name: pGEM-4

Type of vector: plasmid

Host range: *Escherichia coli*

Vector end: EcoRI; XbaI

Vector information:

Cross references: DNA Seq. Acc.: X65303

Cloning sites: HindIII; SphI; PstI; SalI; Accl; HincII; XbaI; BamHI; Aval; SmaI; KpnI; SacI; EcoRI

Markers: ampR

MCS: EcoRI...HindIII, ->

Polylinker sites: HindIII; SphI; PstI; SalI; Accl; HincII; XbaI; BamHI; Aval; SmaI; KpnI; SacI;
EcoRI

Promoters: SP6;T7

Replicon: pMB1

Growth Conditions

Medium:

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

Temperature: 37°C

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).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pSS38 (ATCC 79068)

References

References and other information relating to this material are available at www.atcc.org.

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