



p35-1

79062™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* DH5alpha

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): 2.2000000000000002

Type of DNA: cDNA

Insert source: brain metastasis

Insert strain: A2058 melanoma cell line

Insert tissue: brain metastasis

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Insert 5' end: Modification: GC

Insert 3' end: Modification: AT

Cross references: DNA Seq. Acc.: M13509

Genome: Homo sapiens

Chromosome: 11

11 q21-q22

Gene name: matrix metalloproteinase 1 (interstitial collagenase)

Gene product: matrix metalloproteinase 1 (interstitial collagenase)(collagenase, epidermolysis bullosa, dystrophic, (autosomal recessive), collagenase, fibroblast, collagenase, interstitial) [CLG]

Gene symbol: MMP1; CLG

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 4.96999979019165

Intact vector size: 2.800

Vector name: pcD-X

Type of vector: plasmid

Markers: ampR

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): BamHI--3.1, 1.45, 0.75; EcoRI--5.3; XhoI--3.0, 2.3; SacI--5.3; PstI--2.5, 1.5, 1.3.

- ATCC staff

Contains the complete coding sequence (nt 68-1478 of the cDNA). The 2.2 kb XhoI fragment includes some sequence from the vector: 175 bp at the 5' end and 50 bp at the 3' end.

- Cancer Res. 50: 5431-5437, 1990

The insert contains the following restriction sites (bp from the 5' end of the cDNA sequence): BamHI--1290; EcoRI--274; HincII--1951; SacI--1010; PstI--1468; XbaI--138, 1570.

- Cancer Res. 50: 5431-5437, 1990

The insert sequence is essentially identical to that reported for fibroblast collagenase except for noted changes.

- Cancer Res. 50: 5431-5437, 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: p35-1 (ATCC 79062)

References

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

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