



pAIM-NEO

79980™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* MC1061p3

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): 0.6929999999999995

Type of DNA: cDNA

Insert source: lymphocyte, activated

Insert tissue: lymphocyte, activated

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: Z22576

Nucleotides 1-694 of the insert correspond to nucleotides 12-705 of Z22576.

Genome: Homo sapiens

Chromosome: 12

12 p13-p12

Target gene: CD69 antigen (p60, early T-cell activation antigen)

Gene name: CD69 antigen (p60, early T-cell activation antigen)

Gene product: CD69 antigen (p60, early T-cell activation antigen) [CD69]

Gene symbol: CD69

Contains complete coding sequence: Yes

Insert end: BstXI

Vector Information

Construct size (kb): 7.699999809265137

Intact vector size: 7.000

Vector name: pcDNA I/Neo

Type of vector: phagemid

Host range: *Escherichia coli*

Vector end: BstXI

Cloning sites: HindIII; BamHI; BstXI; EcoRV; NotI; XhoI; NsiI; XbaI

Markers: G418R; supF

Polylinker sites: HindIII; BamHI; BstXI; EcoRV; BstXI; NotI; XhoI; NsiI; XbaI

Promoters: CMV

Replicon: SV40, polyoma, pMB1, M13

Terminator: SV40 polyadenylation

Growth Conditions

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb):

HindIII/NotI--7.7; BstXI--7.0, 0.7; HindIII--7.7; NcoI--2.45, 2.1, 1.55, 0.85
(doublet); SstI(SacI)--7.7.

- ATCC staff

Contains the complete coding sequence (nt 82-681 of the sequence record).

Expresses the protein from the CMV promoter in mammalian cells. The insert contains the following restriction sites (approximate kb from the 5' end):

SacI--0.07; NcoI--0.52; BstXI--0.52.

- personal communication

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: pAIM-NEO (ATCC 79980)

References

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

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