



CrmA T291R

87689™

Product Sheet

Description

Organism: Cowpox virus

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

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): 1.2

Type of DNA: cDNA

Genome: Cowpox

Target gene: cytokine response modifier A, inactive mutant

Gene name: cytokine response modifier A

Gene product: cytokine response modifier A [CrmA]

Gene symbol: CrmA

Contains complete coding sequence: Yes

Vector Information

Vector name: pFlag-1 deriv

Type of vector: phagemid

Construction: pFLAG, FLAG/ompA sequences deleted

Host range: *Escherichia coli*

Vector end: NcoI; Sall

Cloning sites: HindIII; EcoRI; XbaI; Sall; BglII; XhoI

Markers: ampR

Polylinker sites: HindIII; EcoRI; XbaI; Sall; BglII; XhoI

Promoters: tac

Replicon: pMB1; f1

Repressor gene: lacI

Terminator: rrnB

Transcription terminator: rrnB

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): NcoI/SalI--6.7, 1.2; PstI--4.6, 2.6, 2.0; BamHI--7.0, 0.5.

- ATCC staff

Insert encodes an inactive control protein tagged with hexahistidine at the N-terminus. The T291R mutation occurs within the reactive site loop.

- Cell 81: 801-809, 1995

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: CrmA T291R (ATCC 87689)

References

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

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