



pAS2 [pAS1-CYH2] 87008™

Description

This is a shuttle expression vector used to create fusion proteins consisting of the nuclear localization sequence from SV40 T antigen, the GAL4 DNA-binding domain (aa 1-147), and a HA (hemagglutinin) epitope tag in-frame with the activation domain. The *Saccharomyces cerevisiae* ribosomal protein L29, CYH2, gene was inserted into the pAS1 vector.

Organism: *Saccharomyces cerevisiae* Meyen ex E.C. Hansen

Clone type: Vector

Shipping information: *Escherichia coli* containing the plasmid

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

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): 1.5

Type of DNA: genomic

Target gene: ribosomal protein L29

Gene product: ribosomal protein L29(Ribosomal protein RL43) [CYH2]

Vector Information

Vector name: pAS2 (phagemid)

Type of vector: phagemid

Construction: pAS1

Vector information:

other: GAL4 DNA-binding domain

epitope tag: hemagglutinin (HA)

Markers: cyhS; ampR; CYH2; TRP1

MCS: NdeI...SalI

Promoters: ADC1 (ADH)

Replicon: 2 micron; f1+; pMB1

Terminator: ADC1

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 gave the following sizes (in kb): BamHI 8.6 ; Sall 8.6 ; SmaI 8.6.
ATCC Staff

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pAS2 [pAS1-CYH2] (ATCC 87008)

References

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

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