



RP24-331K9

10829478™

Description

This is a bacterial artificial chromosome (BAC) construct with the coding sequence of the gene replaced with an enhanced green fluorescent protein (EGFP) reporter.

Organism: *Mus musculus*, mouse

Clone type: Clones, BAC

Shipping information: *Escherichia coli* containing the plasmid in glycerol stock

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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

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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

Type of DNA: genomic

Insert source: spleen, pooled library; brain, pooled library

Insert tissue: spleen, pooled library; brain, pooled library

Insert information:

Insert information:

Gene : glial fibrillary acidic protein, gfap

(EGFP replaces coding sequence of gene)

DNA : genomic

Insert ends : MboI

Vector ends : BamHI

Source : *Mus musculus* C57BL/6J

Tissue : spleen and brain, pooled library

Genbank accession : NM_010277

Gene product: glial fibrillary acidic protein

Insert end: MboI

Handling Procedures

Transfer a loopful to a test tube containing 5 mL LB+12.5mg/mL of chloramphenicol broth. A loopful of culture can also be streaked on an LB + chloramphenicol agar plate. Incubate cultures at 30°C. Isolate DNA using standard plasmid preparation procedures.

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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: RP24-331K9 (ATCC 10829478)

References

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

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