



# RP23-462G16

10629283™

## 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

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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## 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.

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## 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](http://www.atcc.org).

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## Insert Information

**Type of DNA:** genomic

**Insert source:** kidney, pooled library; brain, pooled library

**Insert tissue:** kidney, pooled library; brain, pooled library

**Insert information:** Gene : doublecortin, dcx

(EGFP replaces coding sequence of gene)

Insert ends : EcoRI

Source : *Mus musculus* C57BL/6

Genbank accession : AF045547

**Gene product:** doublecortin

**Insert end:** EcoRI

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## 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: RP23-462G16 (ATCC 10629283)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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