



pLX_mH1-Gb1-F-UGIP

10629163™

Product Sheet

Description

This is a mouse siRNA clone for inhibition of gene expression of guanine nucleotide binding protein, beta 1 (G beta-1).

Organism: *Mus musculus*, mouse

Clone type: AfCS, siRNA

Shipping information: *Escherichia coli* containing the plasmid

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

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 information:

Gene : G protein beta 1

DNA : [HF] shRNA

RNA target sequence : CATTATCTGTGGTATCACATC

Gene form : Mouse H1 driven S-type shRNA

Source : *Mus musculus*

- **Target gene:** guanine nucleotide binding protein, beta 1
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Handling Procedures

Transfer a loopful to a test tube containing 5 mL LB+50mg/mL of ampicillin broth. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

Notes

Restriction digests of the clone gave the following sizes (in kb): BamHI

11.7. ATCC Staff

References: To obtain additional information including full sequence for specific constructs, use the ATCC# in a keyword search at <http://www.signalling-gateway.org/data/plasmid/>).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pLX_mH1-Gb1-F-UGIP (ATCC 10629163)

References

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

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