



# phAT4.8 [phAT4.4]

61597™

## Description

**Organism:** *Homo sapiens*, human

**Clone type:** Clone

**Shipping information:** Rehydrate with TE

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## Storage Conditions

**Product format:** Freeze-dried

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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

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.

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## Certificate of Analysis

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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

**Insert size (kb):** 4.799999999999998

**Type of DNA:** genomic

**Insert source:** liver

**Insert tissue:** Liver

**Gene product:** alpha-1-antitrypsin (protease inhibitor) [PI]

**Alleles:** G3, A1, A2, B1, B2, D2, G1, G2, J2, N1, N2, C1, C2, D1, J1

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### Vector Information

**Construct size (kb):** 11.80000019073486

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: phAT4.8 [phAT4.4] (ATCC 61597)

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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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