

# Quantitative HEK-293 Genomic DNA

1592106

## Description

High-molecular-weight genomic DNA isolated from the 293 human embryonic kidney cell line transformed with adenovirus 5 DNA. See COA for batch specific test results.

**Derived from:** 293 [HEK-293] (ATCC CRL-1573)

**Concentration:**  $30 \pm 10$  ng/ $\mu$ L

**Mass:**  $\geq 900$  ng

**Volume:**  $\geq 22.5$   $\mu$ L

## Storage Conditions

**Product format:** Frozen

**Storage conditions:**  $-20^{\circ}\text{C}$  ( $-10^{\circ}\text{C}$  to  $-35^{\circ}\text{C}$ )

## Intended Use

This product is intended for laboratory research use only. It is not intended for use in humans or animals as drugs, dietary supplements, or as medical devices.

This product is not an official USP Reference Standard. This product is not required for compendial compliance.

## BSL 2

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](http://www.atcc.org) and [www.usp.org](http://www.usp.org).

## Handling Procedures

Thaw samples at room temperature, at 4°C, or on ice. Keep the samples on ice or at 4°C until they are used. DNA samples will be stable at room temperature throughout the process of setting up a PCR experiment. If the process takes more than 2 hours, storage at 4°C or on ice is preferred, though degradation is unlikely to occur. When diluting large numbers of samples, work in small batches (12 or less at a time). Leave other samples frozen at -20°C or at 4°C if they will be diluted later in the same day.

## Quality Control Specifications

**Total amount:** ≥ 900 ng

**Purity (A260/A280):** ≥ 1.7 and ≤ 2.0

**Integrity:** Integrity of DNA was determined by gel electrophoresis

**Identity:** Human STR profile and CO1 multiplex to confirm identity

## Notes

Resuspend in 1x TE buffer (10 mM Tris-HCL, 1 mM EDTA, pH 8.0)

## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Quantitative HEK-293 Genomic DNA (ATCC 1592106)

## References

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

## Warranty

The product is provided 'AS IS' and the viability of the products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC/USP recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness

for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or noninfringement.

## Disclaimers

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. While ATCC and USP use reasonable efforts to include accurate and up-to-date information on this product sheet, they make no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC and USP do not warrant that such information has been confirmed to be accurate or complete and the customer bears the sole responsibility of confirming the accuracy and completeness of any such information. This product is sent on the condition that the customer is responsible for and assumes all risk and responsibility in connection with the receipt, handling, storage, disposal, and use of the product including without limitation taking all appropriate safety and handling precautions to minimize health or environmental risk. As a condition of receiving the material, the customer agrees that any activity undertaken with the product and any progeny or modifications will be conducted in compliance with all applicable laws, regulations, and guidelines. This product is provided 'AS IS' with no representations or warranties whatsoever except as expressly set forth herein. ATCC's and USP's liability arising out of or relating to this product and this Product Sheet shall in no event include loss of profits, cost of procuring substitute goods or services, or any incidental, indirect, or consequential damages of any kind, even if ATCC and USP is aware of the possibility of such damages. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, neither ATCC nor USP are liable for damages arising from the misidentification or misrepresentation of such materials. The product may not be resold or modified for resale without prior written agreement from ATCC and USP.

## Copyright and Trademark Information

© Copyright 2023 ATCC and USP

The ATCC trademark and trade name are owned by the American Type Culture Collection. The USP logo is a registered trademark of The United States Pharmacopeial Convention.

## Revision

This information on this document was last updated on 2024-12-03

## Contact Information

### ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

### **USP**

12601 Twinbrook Parkway

Rockville, MD 20852

USA

US telephone: +1-301-881-0666

Email: [AMtech@usp.org](mailto:AMtech@usp.org) or contact your local distributor.