

CELL LINE DEVELOPMENT

**The right cell line.
From the start.**

CHO and HEK293 cell line development for biologics, built for IND, clinical manufacturing, and commercial scale. From a US-based CDMO with 30+ years of quality behind every program.



OVERVIEW

Your cell line is the foundation of your entire biologics program.

A stable, high-producing cell line means smoother process development, more predictable manufacturing, and a cleaner path to the clinic. At Avid Bioservices, we help you get it right from the start.

Using best-in-class platform technology for CHO and HEK293 mammalian expression, our cell line development programs combine high-throughput clone screening with rigorous characterization, delivering a cell line built to perform across your entire development and manufacturing journey.

OUR PROCESS

Optimizing process to accelerate development and reduce risk.

1

Gene construct & transfection

CHO or HEK293 host cell selection and high-efficiency transfection using best-in-class platform technology.

2

High-throughput clone screening

Hundreds of clones screened for productivity, growth, and critical quality attributes.

3

Single-cell cloning & monoclonality confirmation

Regulatory-grade documentation with monoclonality assurance with imaging evidence, built for IND submission.

4

Stability & productivity assessment

Extended culture stability confirming your clone will perform reliably at clinical and commercial scale.

5

Cell banking

Research cell bank (RCB) with complete documentation package.

DELIVERABLES

Your cell line is the foundation of your entire biologics program.

- Research Cell Bank (RCB)
- For early-stage non-GMP development
- CGMP-compliant, IND-ready
- Monoclonality report
- Imaging evidence, regulatory-grade
- Lead clone selection
- Stability data package
- Extended productivity assessment
- Critical quality attribute data
- CMC documentation
- Structured for IND & BLA filing
- CQA characterization

WHY AVID BIOSERVICES

Cell line development built for speed, quality, and scale.



30+ years of biologics expertise

A dedicated biologics CDMO, not a contract services division.



End-to-end continuity

CLD feeds directly into process development and CGMP manufacturing.



US-based operations

Local teams, faster collaboration, and simplified program execution.



Regulatory track record

Decades of successful FDA inspections and commercial approvals.



Partnership model

Direct access to Avid scientists throughout your program.



Let's build what's next, together.

Whether you're starting with a gene sequence or advancing a promising candidate, our cell line development team creates stable, high-producing cell lines that accelerate development, reduce risk, and establish the foundation for successful process development and manufacturing.

[Start a conversation](#)

