

Cell line development and optimization

ExcellGene's reliable process and exceptional CHO cell host are the result of over twenty years of innovation and fine-tuning. Here's what you can expect.

- **High titers** — up to 14 g/L, 5 to 10-fold improvement
- **Speedy timelines**
From DNA to highly productive, stable clone in 8 weeks
- **Diverse protein formats**
mAbs, biosimilars, bispecifics, fusion proteins, etc...
- **Robust cells for scalable processes** — up to 10,000 L.

What properties make CHOExpress® host cells exceptional?



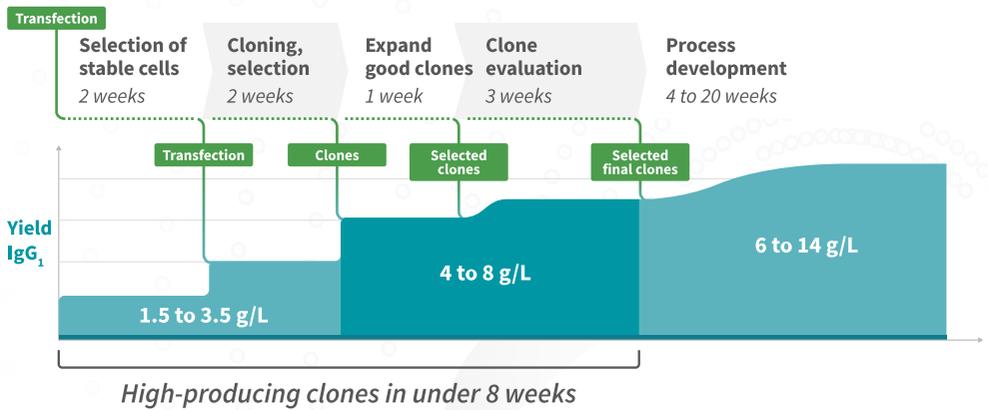
- ✓ **Fast-growing**
19 hours doubling time
- ✓ **Grow to high density**
>30 million cells/mL in fed-batch culture
- ✓ **High sub-cultivation ratios**
Higher than 1:20
- ✓ **cGMP compliant**
ICH Q5A

Developing your cell line with ExcellGene

Based in Switzerland, our team is passionate about two things: solid science and you, the customer!

- Each project is customized to client needs and handled with a dedicated team.
- Tap into more than 20 years of expertise in cell line development and protein manufacturing technology.
- We're deeply committed to achieving your milestones, timelines and target titers.

Your cell line development timeline



From DNA to IND

Your gene is integrated into transcriptionally active DNA, which guarantees **high productivity**, **high cell line stability (>95%)** and **high comparability** between stable pools and clones.

- Extensive media and feed screening to identify optimal production conditions
- Cell line stability study is included
- Development of scalable upstream and downstream processes and tech transfer (optional)
- Use of Design of Experiments (DoE) for process optimization
- State-of-the-art FDA and EMA compliant cloning procedures for documented proof of clonality
- Support for assay development and analytics
- Cell line development reports which support clinical trials and market authorization (IND, CTA/BLA, MAA)
- Full freedom in choice of media and feeds, including proprietary media
- Licensing opportunities for the CLD platform are available.

We'd love to hear from you.



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