



--- We accelerate
 your innovation! ---

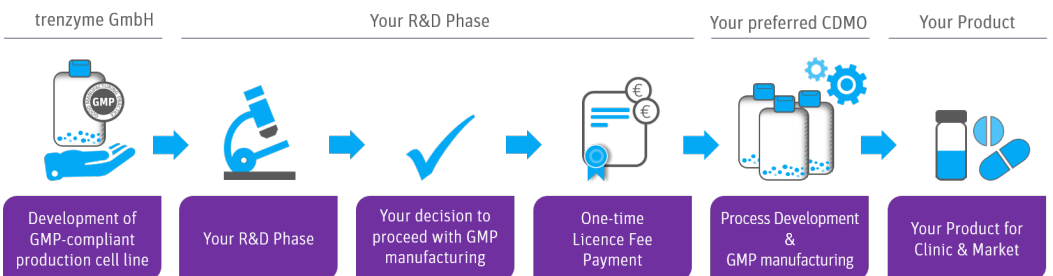


GMP-compliant Production Cell Line Development

Our GMP-compliant high production cell line can be used from research and development (R&D) up to final market introduction of your product. After the R&D phase, the generated cell line can be easily upgraded for commercial use by a one-time licence fee payment (royalty-free).

- ✓ Development of GMP-compliant high producer CHO-K1 cell lines – ideal for Biosimilars & NBE's
- ✓ One-stop-shop from cloning up to research cell bank generation (RCB)
- ✓ Cell line ideal for R&D phase and subsequent GMP manufacturing - substantial saving of time
- ✓ Free of 3rd party IP: One-time license fee payment after the R&D phase before transferring the cell line to your preferred CDMO for further process development and GMP manufacturing

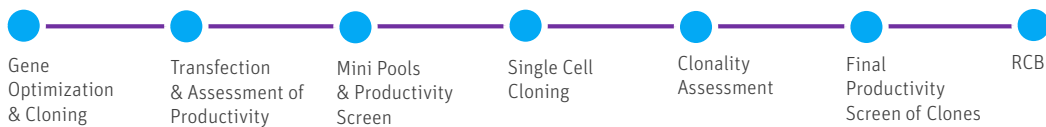
Process from Cell Line Development to Production



SEFEX CHO-K1 Cell Line Development Platform - Features & Benefits

- ✓ Our production cell line development technology platform is based on Celonic's proven SEFEX CHO-K1 cell line, which is adapted to serum-free EMA- and FDA-compliant media
- ✓ This system has a high standard productivity (> 3 g/l) after cell line development and can reach > 8 g/l for mABs after process optimization
- ✓ The SEFEX CHO-K1 cell line is characterized by high scale-up stability from small scale research to GMP manufacturing levels
- ✓ The cell line is already used in many production facilities in Europe, the US and Asia for target production up to 1000 liter scale
- ✓ Full audit trail and documentation due to use of laboratory integrated management (LIMS) software throughout the development process

One-Stop-Shop from Cloning up to Research Cell Bank Generation (RCB)



“Our GMP-compliant production cell line development project was performed professionally and qualitatively. We thank trenzyme for the good collaboration and hope for future projects.”

Dr. Alexander Piskunov
IBC Generium LLC, Volginsky, Russia

Why choose trenzyme - your benefits from working with us:

- Our modular project designs are custom-tailored to your specific project requirements
- Our scientific experts will complete your project successfully and efficiently
- Your project manager keeps you constantly informed on progress throughout the project
- We are a reliable and long-standing partner of many international pharmaceutical companies
- High quality management standards: ISO 9001:2015 certified company

Discover all the services & products we offer:

- ▶ Stable Cell Line Development
- ▶ Cell Lines with Inducible Expression
- ▶ Custom Cell Expansion Service
- ▶ Catalog Proteins & Cell Lines
- ▶ Stem Cell Differentiation Service
- ▶ Custom Protein Production
- ▶ Guaranteed Protein Expression Packages
- ▶ High Yield Protein Production

