



What if implementing a next-generation protein expression system was your next game-changer?

Switching to a commercial expression system can be a challenge: adapting protocols, training teams, adjusting workflows...However, the benefits often outweigh the hurdles: higher yields, superior product quality, lower production costs, and compatibility with a wide range of biomolecules. Ready to make the leap? Here are 6 essential questions to consider before making your decision!

Do you have the time to develop your own protein expression system?

Take XtenCHO™ Race as an example: it took over 5 years of dedicated research to design both the cells and an optimized protocol capable of delivering the outstanding results we offer today.

YES NO

Do you have the in-house expertise to develop your own expression system?

Creating a high-performance protein expression kit requires expertise across multiple fields: molecular and cellular biology, protein analysis, and biotechnological engineering. These skills are essential not only to optimize yields but also to enhance the quality of the final product.

YES NO

Do you have the necessary equipment to develop your own expression system?

Creating a high-performance protein expression kit demands a significant investment in specialized equipment. This includes tools like a rotary incubator for cultivation, and analytical instruments such as mass spectrometers, HPLCs, and dynamic light scattering (DLS) systems to thoroughly characterize the final products.

YES NO

Do you have the budget to develop your own expression system?

Beyond the cost of equipment, developing your own expression system involves testing a wide range of consumables, such as culture media and transfection reagents. The extensive trial-and-error process adds up quickly, and it can be difficult to recoup those costs.

YES NO

Do you have specific needs that a commercial kit can't address?

Commercial kits are generally optimized to express a wide range of proteins and antibodies. However, certain categories, such as membrane proteins or toxic proteins, can present unique challenges.

YES NO

Can you restrict the use of your cell line to research purposes only?

Most cell lines are typically protected and require the payment of an expensive license for commercial use.

YES NO

If you answered "No" to any of these questions, you should consider using a commercial kit.

Why choose a commercial kit?

- 1 You gain access to protein production kits designed to deliver high performance, both in terms of yield and product quality.
- 2 These versatile kits are developed to produce a wide range of proteins and antibodies.
- 3 Protocols are pre-established and optimized for routine use.
- 4 Save years of research and development.

Why should you use XtenCHO™ Race?



Achieve unmatched performance...

Our research teams have spent over 5 years perfecting a system that delivers the highest production yields on the market with an average yield of 330mg/L tested on the production of 10 therapeutic antibodies (more information on our poster*)!



...Quickly...

Harvest your protein as early as day 8 of culture.



...At an unbeatable price!

A cost-effective starter kit and consumables combined with the highest yields on the market will enable you to produce your biomolecules at 3 times lower price than with other references on the market!



We're here to support your transition.

Everything is in place to ensure your success: step-by-step tutorial videos and a dedicated support team available whenever you need them!

*Download our poster: <https://go.proteogenix.science/xtencho-poster/>



Want to know more about XtenCHO™ Race?

www.proteogenix.science/product/xtencho-race-starter-kit/