



See how we apply our significant expertise in process development and manufacturing to produce fermentation-expressed proteins for preclinical, clinical, and commercial campaigns.



How do you ensure that recombinant protein processes are robust, scalable, and suitable for cGMP production?

Partner with a world-class CMO: Diosynth™ Biotechnology.

What can we do for our customers?

- Provide extensive upstream and downstream process development experience, world-class Quality Systems, and comprehensive analytical expertise.
- Deliver a seamless, protocol-driven approach to the technology transfer of projects in or out.
- Apply experience from over 35 successfully completed fermentation projects (using *Escherichia coli*, *Pichia pastoris*, and other microorganisms).
- Develop multiple in-process and release assays providing comprehensive analytical characterization of drug substance and intermediates.
- Manufacture under cGMPs across all phases of clinical development through commercial production.

To find out how you can take advantage of our fermentation expertise, visit www.DiosynthBiotechnology.com

Process Development

15 L to 140 L

cGMP Manufacturing

Multiple reactors (140 L and 2,000 L)
7,500 L and 14,000 L

Whatever your stage of product development, whatever your goal, Diosynth™ Biotechnology Services has what it takes to help you get there.

Our breadth of experience with complex proteins and processes includes

- Commercial and clinical manufacturing
- Over 75 recombinant proteins developed and manufactured, including 4 commercial products
- Fusion proteins, cytokines, antibodies and fragments, growth factors, vaccines, hormones, and PEGylated proteins
- Flexibility of scale
 - Microbial fermentation from 15 L to 14,000 L
 - Mammalian cell culture from 15 L to 25,000 L
- Global manufacturing capabilities in Research Triangle Park, NC, U.S., and Oss, Netherlands

With facilities in the U.S. and Europe, Diosynth Biotechnology Services can make your idea fly. To find out how, call 1.866.762.6259 in the U.S.; outside the U.S., call +1.919.337.4477 or visit www.DiosynthBiotechnology.com



PROCESS TO PROTEIN
EXPERIENCE FULLY EXPRESSEDSM