

Top 5 challenges in upstream bioprocessing

How TrypsiNNex® addresses these challenges



Risk of contamination with biological impurities from animal-derived materials jeopardizes product safety.



TrypsiNNex® is **fully animal-free and recombinant**, minimizing contamination risks and reducing costly viral testing.



Process variability affects reproducibility, production efficiency, and regulatory compliance.



TrypsiNNex® delivers **consistently high-purity β-trypsin** for predictable enzyme performance and reproducible results.



Process efficiency keeps you cost-effective and adaptable to changing market demands.



TrypsiNNex® supports **high cell viability and strong infectious titers**, streamlining production with a robust and efficient process.



Supply chain delays disrupt production and waste valuable time and resources.



Novo Nordisk Pharmatech's secure global supply chain ensures **dependable TrypsiNNex® access** for uninterrupted production.



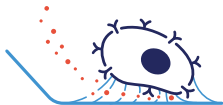
Need high-quality raw materials to ensure the safety of your biopharmaceuticals.



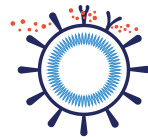
TrypsiNNex® is produced under **excipient GMP guideline with documentation and expert support** to ease regulatory processes.

Three common applications of TrypsiNNex®

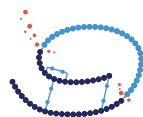
Cell dissociation



Virus activation



Protein modification



Three key benefits of TrypsiNNex®

Completely animal-free for reduced viral testing & safer end-product.

β-trypsin consistently **above 70%** for reproducible, sustained performance.

GMP-certified with full traceability & expert guidance.