

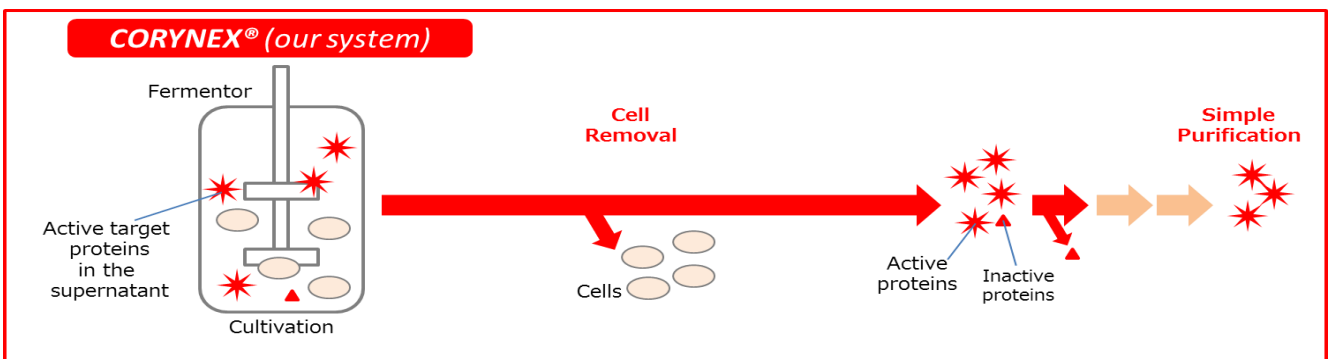
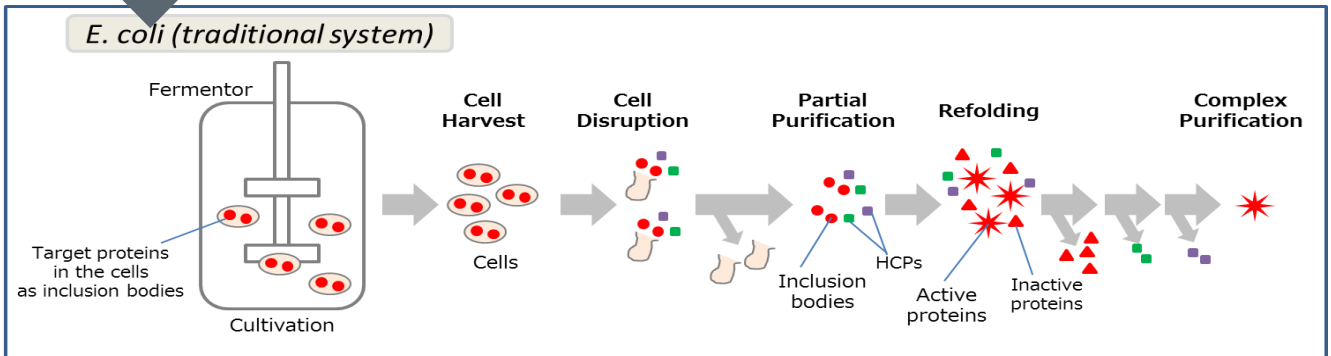


AN INNOVATIVE EXPRESSION SYSTEM
ENGINEERED FROM AMINO ACID-PRODUCING
BACTERIA: *Corynebacterium glutamicum*

A Secretion System for Target Proteins

- **Direct into Media:** No need for cell disruption
- **High Purity:** Simple purification
- **In Active Form:** No need for refolding

A SIMPLIFIED PROCESS



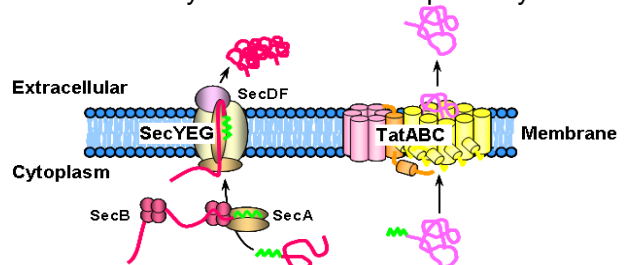
Corynebacterium glutamicum



- Fast growing, gram positive soil bacterium
- Non-sporulating & Non-pathogenic
- **Endotoxin-free**
- Genome-clarified

Multiple Pathways

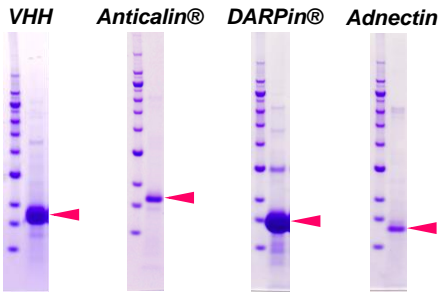
Ability to select the best pathway



PROTEIN EXPRESSION SERVICE USING CORYNEX®

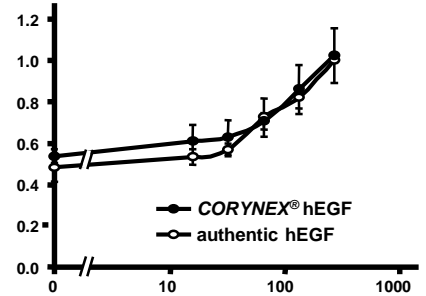
HIGH PURITY EXPRESSION

SDS-PAGE analysis of supernatant



CORRECTLY FOLDED & ACTIVE

Stimulation of the growth of MCF-7 cells by hEGF



FROM EARLY DEVELOPMENT TO cGMP PRODUCTION



Basic Expression Service

- Gene Synthesis
- Strain Construction
- Test Expression
- Reporting
- 2-3 Month Process



Tailored Service

- Protein Analysis
- Strain & Fermentation Process Development
- Purification Process Development
- Pre-Clinical Sample Preparation



Tech Transfer Support cGMP Production

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- Full services from R&D to production
- Detailed customer discussions prior to starting work
- Additional human resources are not needed
- Professionals in Corynex® can establish strains and process in short time
- HCP/HC-DNA assay kits for release testing are available



WHAT DO YOU WANT TO MAKE?



CORYNEX®
Simple. Pure. Active.