



# SANDOZ

**Sandoz GmbH**  
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## Vital Statistics

**Year Founded:** 1946

**Number of Employees:** Approximately 23,000 (Sandoz worldwide)

**Annual Worldwide Revenues:** \$7.2 billion (2007)

**Key Personnel:** Dr. E. Meijnders, Chief Executive Officer; Mag. H. Teissl, Head Biopharmaceuticals; Dr. F. Nachtmann, Head Cooperations.

## Who We Are

SANDOZ IS ONE OF THE LEADING SPECIALISTS in microbial fermentation of classic and recombinant microorganisms. The company's comprehensive know-how is based on more than five decades of experience in the field of classical microbial products and more than two decades in recombinant microbial production at commercial scale. Building on this know-how, Sandoz offers a broad variety of integrated services including innovative expression systems, process development, scale up and production of recombinant products derived from microbial systems and mammalian cell culture in state-of-the-art facilities as well as fill and finish operations.

Our expertise is based on numerous projects successfully performed in collaboration with our customers. Currently, Sandoz is manufacturing more than 15 different recombinant products for well-known pharmaceutical and biotechnology companies located in USA, Europe and Japan.

## Major Markets

Currently, Sandoz is manufacturing approximately 15 different human proteins for well-known pharmaceutical and biotechnology companies located in USA, Europe and Japan. Our FDA approved facilities fulfill worldwide quality requirements.

## Services Offered

**PRODUCTION OF RECOMBINANT PEPTIDES AND PROTEINS:** 150L, 1,300L, 3,000L, 13,000L and 40,000L fermenters are available in our facility in Kundl, Austria. Each fermentation unit is fully equipped with a separate downstream line including all state-of-the-art isolation, recovery and purification techniques.

In addition, since 2004 Sandoz operates a cell culture plant with 3,000L and 13,000L fermentation/purification lines in Schafstau, Austria.



**DEVELOPMENT AND SCALE UP:** In addition to the large scale production capabilities, Sandoz offers aligned pilot plant facilities operated by a customer-oriented team with extensive know how in technology transfer, development and scale-up of processes for recombinant proteins. For earlier stage projects a small scale production plant for the manufacture of clinical phase I to phase III material is available.

**FILL/FINISH:** Sandoz operates 2 liquid filling lines (vials, cartridges for pens) in Schafstau, Austria.

**INTEGRATED SERVICES:** All phases of process development and commercial scale manufacturing are supported by a competent analytical department, regulatory specialists and independent quality assurance.

**MANUFACTURING FOR CLINICAL TRIALS AND COMMERCIAL SUPPLY:** Sandoz is capable to produce quantities of your microbial or cell culture derived recombinant product to feed all stages of clinical development and to supply the market with your product.

[www.sandoz.com](http://www.sandoz.com)

