



Protein

DESIGN AND MANUFACTURE



**Getting you
to the answer.
Faster.**

**Aldevron makes high quality
proteins supporting:**

CRISPR-Associated Nucleases

Recombinant Antibodies

Therapeutics

Diagnostics

Cell Editing

Custom Enzymes

Reagents



Aldevron makes the highest quality biologics.

With experience producing thousands of proteins, we identify potential risks and engineer custom solutions to satisfy the most demanding requirements. We build trust and confidence with open communication and focused teams passionate about achieving results. Our goal is to become your long-term partner in success.

Custom Options

Aldevron has extensive experience in producing proteins for various applications. We also offer development services to customize to your specific requirements.

- CRISPR-Associated Nucleases
- Recombinant Antibodies
- Therapeutics
- Diagnostics
- Cell Editing
- Custom Enzymes
- Reagents

In-Stock Options

Additionally, we provide the most comprehensive inventory offering of CRISPR-associated nucleases and *in vitro* transcription (IVT) enzymes for research through clinical use.

- CRISPR-Associated Nucleases
 - SpyFi™ Cas9 Nuclease
 - SpCas9 Nuclease
 - AsCpf1 (Cas12a) Nuclease
 - SaCas9 Nuclease
- IVT Enzymes
 - T7 RNA Polymerase
 - Ribonuclease Inhibitor
 - Inorganic Pyrophosphatase
 - DNase I
 - Guanylyltransferase
 - 2'-O-Methyltransferase
 - Poly(A) Polymerase

Capacity

Aldevron offers flexible and customizable protein capacity working in the milligram to multigram range with expert support throughout your project.

For Research Grade and Research Grade:

- *E. coli* Cells
 - Shake Flask
 - 240L - 1000L Fermentation
- Mammalian Cells
 - Shake Flask
 - 25L - 75L Bioreactor
- Insect Cells
 - Shake Flask
 - 25L - 75L Bioreactor

For GMP-Source™ and cGMP:

- *E. coli* Cells
 - 10L Fermentation
 - 30L Fermentation
 - 300L Fermentation
 - 2000L Fermentation





We offer gene-to-protein custom manufacturing for your small-scale screening, to production scale-up, to clinical manufacturing, with process design available.

The Aldevron Process

| | Research Grade | Research Grade+ | GMP-Source™ | cGMP |
|---------------------------------------|--|---|---|--|
| Gene synthesis & cloning | ✓ | ✓ | ✓ | ✓ |
| Expression method development | ✓ | ✓ | ✓ | ✓ |
| Chromatography method development | ✓ | ✓ | ✓ | ✓ |
| 13 standard QC tests | ✓ | ✓ | ✓ | ✓ |
| Certificate of Analysis (CoA) | ✓ | ✓ | ✓ | ✓ |
| TSE/BSE statement | | ✓ | ✓ | ✓ |
| Custom QC development | | ✓ | ✓ | ✓ |
| Manufacturing Summary Report (MSR) | | | ✓ | ✓ |
| Validated QA oversight | | | ✓ | ✓ |
| Process control | | | | ✓ |
| Change control | | | | ✓ |
| Project-specific master batch records | | | | ✓ |
| | Quickest option for high quality protein | Offers more documentation and custom QC | Faster, cost-effective cGMP alternative | Highest level of quality and customization |

Contact us about Aldevron Proteins

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Additional facilities in Madison, WI and Freiburg, Germany

Visit: aldevron.com/contact



For the last 21 years, Aldevron has been a proud partner of research laboratories through the production of:

- Plasmid DNA at any scale, with fast turnaround times
- Proteins in bacterial, insect and mammalian expression systems
- mRNA to your specifications using a robust and scalable process
- Novel antibodies using our genetic immunization technology

Aldevron supports research-use production through commercialization.