



Proteins

MEETING ALL QUALITY STANDARDS



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

**Aldevron makes high quality
proteins supporting:**

Custom CRISPR Nucleases
Recombinant Antibodies
Therapeutics
Diagnostics
Custom Enzymes
Cell Editing
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.

Proteins Support

Aldevron commonly produces proteins for these applications. We also offer development services to customize to your specific requirements.

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

In-Stock Options

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

- In-Stock CRISPR Nucleases
 - SpCas9
 - AsCpf1
 - SpyFi™ Cas9 Nuclease
- IVT Enzymes
 - T7 RNA Polymerase
 - Ribonuclease Inhibitor
 - Inorganic Pyrophosphatase
 - DNase I
 - Vaccinia Capping Enzyme
 - 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
 - 30L
 - 300L
 - 2000L (Expansion available)





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

The Aldevron Process

	Research Grade	Research Grade+	GMP-Source™	cGMP
Gene synthesis & cloning	✓	✓	✓	✓
Chromatography method development	✓	✓	✓	✓
Expression 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
- Antibody discovery utilizing our genetic immunization technology

Aldevron supports research-use production through commercialization.