



**AFFIGEN**  
**INC.**

## Custom rAAV Solutions for Gene Therapy

**rAAV**  
**AFFIAAV<sup>®</sup>**

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

# What Are rAAV Vectors ?

Recombinant Adeno-Associated Virus (rAAV) vectors are one of the most versatile tools for gene therapy.

Known for their ability to efficiently deliver genetic material into both dividing and non-dividing cells, rAAV vectors have become a cornerstone in gene therapy research.

Our custom rAAV products are specifically designed to cater to the unique needs of your research, offering high safety profiles, low immunogenicity, and long-lasting gene expression.

# Key Features of Our rAAV Products

**High Purity and Titer:** Ensuring reliable and repeatable experimental results.

**Customizable Vector Design:** Tailored promoters, genes, and capsids to meet specific research goals.

**Broad Tropism:** Suitable for a wide range of tissues, including muscle, liver, CNS, and more.

**High Efficiency:** Achieve effective transduction with minimal immune response.

**Scalable Production:** From research-grade vectors to clinical-grade vectors.

**Robust Quality Control:** Each batch undergoes stringent testing for purity, infectivity, and genome integrity.

# Applications of rAAV Vectors

**Gene Therapy for Genetic Disorders:** Correction of inherited genetic mutations.

**Neurological Research:** Delivery of therapeutic genes to brain cells.

**Cardiovascular Research:** Regenerative therapies targeting heart disease.

**Ophthalmology:** Treatment for retinal diseases like Leber congenital amaurosis.

**Cancer Immunotherapy:** Delivery of genes to enhance the immune response to cancer.



## Why Choose Our Custom rAAV Services?

We understand that each research project is unique.

Our custom rAAV services are designed to offer flexibility in every aspect of vector design, production, and delivery.

From selecting the optimal serotype to choosing the right promoter and transgene, our team of experts will work with you to ensure your vector is optimized for your specific study.

# Custom rAAV Form (1/2)

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## Customer Information: \_\_\_\_\_

Your Name :

Phone Number :

Your Email :

Your Lab :

Subject :

## Target Gene Information: \_\_\_\_\_

Gene Name :

Accession Number :

Is this gene species-specific ?      YES      NO

If Yes, specify species:

## Promoter Selection : \_\_\_\_\_

Promoter Selection :

Custom (Specify) :

## Serotype : \_\_\_\_\_

Serotype :

Custom (Specify) :

# Custom rAAV Form (2/2)

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Packaging Size : \_\_\_\_\_

Packaging Size :

Custom (Specify) :

Purification Grade : \_\_\_\_\_

Purification Grade :

Titer Requirements : \_\_\_\_\_

Titer Requirements :

Quantity : \_\_\_\_\_

Quantity :

Custom (Specify) :


Additional Comments/Special Requests : \_\_\_\_\_

Comments :



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## CONTACT INFORMATION

 (800) 660-1620

 [info@affigen.com](mailto:info@affigen.com)

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



**Consultation:** Collaborate with our experts to define your requirements.

**Vector Design:** Customize the vector with your choice of promoter, gene, and serotype.

**Production:** Scalable production based on your needs (research-grade to GMP).

**Purification & Quality Control:** Extensive quality checks including titration, endotoxin, and purity tests.

**Delivery:** Receive your custom vectors in as little as 3 weeks (time may vary based on complexity).

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