

AAV-mediated gene delivery

AMSBIO

is a leading provider of ready-to-use Adeno-Associated Virus (AAV) that can be engineered to efficiently deliver specific DNA sequences into target cells with a low immunogenicity

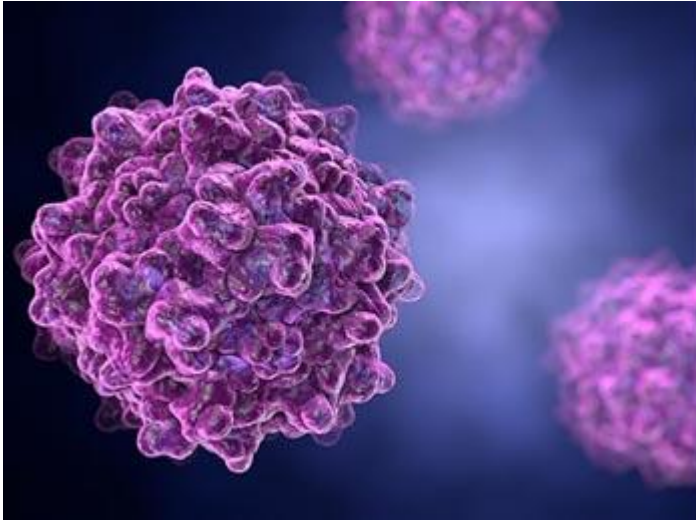


Image caption : Custom AAV to deliver target genes safely and efficiently into your cells

Drawing upon years of experience –

AMSBIO have developed a robust AAV Production Service providing researchers with access to the highest quality recombinant AAV vectors that can efficiently transfect multiple cell types, including dividing and non-dividing cells. These AAV vectors induce persistent gene expression in vivo without integrating into the host genome or causing any disease. These features make AAV an exciting platform for gene delivery enabling treatment of a variety of human diseases including cancer. There are already preclinical and clinical successes in AAV-mediated gene replacement, gene silencing and gene editing.

As a leading expert in AAV technology,

AMSBIO's custom production service is set-up to help you design, clone and/or viral package your custom AAV construct. As part of their production service, AMSBIO offer a range of AAV serotypes (1-9, DJ) that differ in their tropism, or the types of cells they infect, allowing the company to preferentially transduce specific cell types.

Starting from customer

provided target templates, a sequence from a cDNA collection, a custom synthesized DNA sequence or shRNA - AMSBIO construct the AAV clone and generate ready-to-use expression AAV. As part of the production service – AMSBIO sub-clone your selected genes into their AAV expression vectors and produce expression AAV for each gene.

Using AMSBIO's AAV production

service you get reliable, reproducible, high purity, high titer viral stock every time you order. For further information please visit <https://www.amsbio.com/custom-services/lentivirus-adenovirus-aav/aav> or contact AMSBIO now on +31-72-8080244 / +44-1235-828200 / +1-617-945-5033 / info@amsbio.com.



AMS Biotechnology (AMSBIO)

Founded in 1987, AMS Biotechnology (AMSBIO) is recognized today as a leading transatlantic company contributing to the acceleration of discovery through the provision of cutting-edge life science technology, products, and services for R&D in the medical, nutrition, cosmetics, and energy industries. AMSBIO has in-depth expertise in extracellular matrices to provide elegant solutions for studying cell motility, migration, invasion, and proliferation. This expertise in cell culture and the ECM allows AMSBIO to partner with clients in tailoring cell systems to enhance organoid and spheroid screening outcomes using a variety of 3D culture systems, including organ-on-a-chip microfluidics. For drug discovery research, AMSBIO offers assays, recombinant proteins, and cell lines. Drawing upon a huge and comprehensive biorepository, AMSBIO is widely recognized as a leading provider of high-quality tissue specimens (including custom procurement) from both human and animal tissues. The company provides unique clinical grade products for stem cells and cell therapy applications. This includes GMP cryopreservation technology, and high-quality solutions for viral delivery.

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