

March 2021

GMP-Ready Helper Plasmids for AAV Production

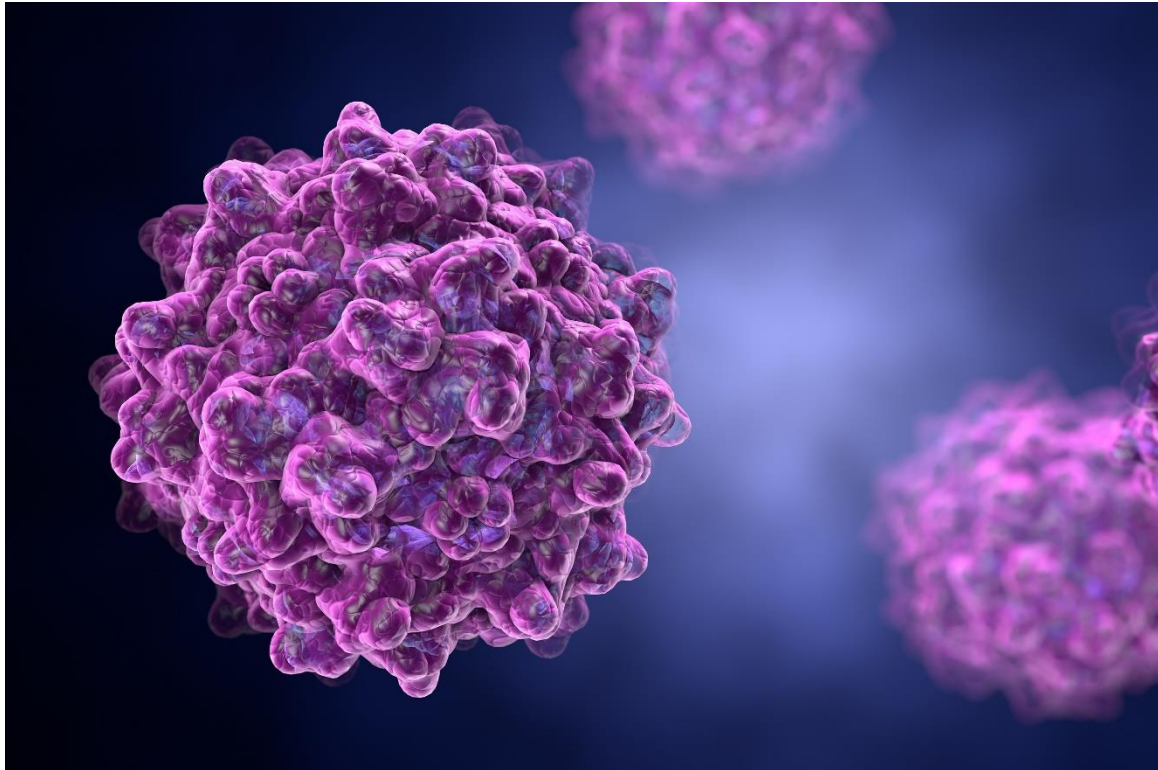


Image Caption: Adeno-Associated Virus (AAV) particles

Manufactured in dedicated clean-rooms

with mandated changeovers before new production cycles - AMSBIO introduces new pHelper-Kan plasmid DNA optimized for Adeno-Associated Virus (AAV) manufacturing.

Adeno-associated virus

is a non-enveloped virus that can be engineered to efficiently deliver DNA sequences of interest into target cells with a low immunogenicity. Because of these unique characteristics, AAV-mediated genome editing has emerged as a highly promising gene delivery method.

The robust virus packaging productivity of this pHelper-Kan plasmid

has been tested in almost all AAV serotypes. pHelper-Kan is proven for use in daily AAV production, for both GMP grade and research grade batches.

Immediately available,

premanufactured in stock, AMSBIO pHelper-Kan plasmid reduces the optimization work required to obtain high efficacy when producing your viral vectors. The high reproducible quality of the pHelper-Kan plasmid DNA is maintained and verified by our standardized manufacturing technology.



AMSBIO

also provides a custom service (see <https://www.amsbio.com/aav>) to make ready-to-use AAV for any specific gene, shRNA or miRNA. Working closely with customers, AMSBIO will sub-clone your selected genes into our AAV expression vectors and produce expression AAV for each gene.

For further information

on the pHelper-Kan plasmid DNA optimized for Adeno-associated virus (AAV) manufacturing please visit <https://www.amsbio.com/phelper-kan-gmp-readytm-helper-plasmid-for-aav-packaging-gr-phelper-kan-v1> or contact AMSBIO on +44-1235-828200 / +1-617-945-5033 / info@amsbio.com.

AMS Biotechnology (AMSBIO) Ltd.

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 research and development 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 recognised 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 cell and cell therapy applications-these include high quality solutions for viral delivery (lentivirus, adenovirus and adeno-associated virus) in addition to GMP cryopreservation technology.

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