

Product sheet

AAV-293 | 305127

Product Information

Description

AAV-293 is a self-inactivating, third-generation adeno-associated virus (AAV) vector. It is derived from the AAV2 serotype and is characterized by its high transduction efficiency and low immunogenicity. The virus is packaged in a non-enveloped, icosahedral capsid and contains a single-stranded DNA genome. AAV-293 is commonly used for gene delivery in various cell types and tissues, including neurons and muscle cells. The virus is produced in HEK293 cells and is purified to high purity. It is suitable for both in vitro and in vivo applications.

Organism **Human**

Tissue **Neuron, Muscle**

Synonyms **AAV293**

Characteristics

Age **Not applicable**

Gender **Not applicable**

Morphology **Icosahedral**

Growth properties **HEK293**

References and Safety

Citation **AAV-293 (GenBank accession number 305127)**

Biosafety level **1**

NCBI_TaxID **9606**

CellosaurusAccession **CVCL_6871**

GMO Status **Not applicable**

Additional Information

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Culture Medium DMEM 4.5 g/l, FBS 10%, NEAA

Supplements FBS 10%, NEAA

Dissociation Reagent Trypsin

Subculturing Trypsin, PBS

Fluid renewal 2-3 times

Freeze medium FBS + 10% DMSO

- Thawing and Culturing Cells
1. Thaw cells in a 37°C water bath...
2. Add cells to a flask containing 10ml of culture medium...
3. Incubate cells in a humidified CO2 incubator at 37°C...
4. Check cell attachment after 24 hours...
5. Change medium after 48 hours...
6. Pass cells to a new flask when 70% confluent...
7. Harvest cells for AAV production...
8. Store cells in liquid nitrogen...

Incubation Atmosphere 37°C, 5% CO2

Flask Coating Poly-D-Lysine

