

AAV-293 | 305127

Description	AAV-293 是一种用于生产 AAV 颗粒的细胞系。它是由腺病毒 (Ad) 基因组和 AAV 基因组重组产生的。AAV-293 细胞可以高效地包装 AAV 基因组，并将其组装成 AAV 颗粒。这些颗粒可以用于基因转导实验。
Organism	人
Tissue	上皮组织
Synonyms	AAV293

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Age	□□□□
Gender	□□□□
Morphology	□□□□□
Growth properties	□□□

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Citation	AAV-293 (XXXXX XXXXXXXX Cytion 305127)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_6871
GMO Status	GMO-S1: XXX AAV-293 XX, XXXXXXXX X-HEK293, XXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX AAV. XXXXXXX XXX XXXXXXXX

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Overview

Culture Medium	DMEM, w: 4.5 g/L Glucose, w: 4 mM L-Glutamine, w: 3.7 g/L NaHCO ₃ , w: 1.0 mM Sodium Pyruvate (Cytion 820300a)
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Supplements	10% FBS, 0.1 mM NEAA
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Dissociation Reagent	Trypsin
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Subculturing	Cells are grown in 25 cm ² flasks in DMEM supplemented with 10% FBS and 0.1 mM NEAA. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. For passage 1, cells are seeded at 1 x 10 ⁶ cells per flask. For subsequent passages, cells are seeded at 0.5 x 10 ⁶ cells per flask.
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Fluid renewal	2 x 3 days
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Freeze medium	DMEM supplemented with 10% FBS and 0.1 mM NEAA, plus 10% DMSO
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Thawing and Culturing Cells	- Cells are thawed in a 37°C water bath and immediately transferred to a pre-warmed DMEM medium. - Cells are centrifuged at 300 x g for 5 minutes and the supernatant is removed. - Cells are resuspended in DMEM supplemented with 10% FBS and 0.1 mM NEAA. - Cells are seeded into 25 cm² flasks at a density of 1 x 10⁶ cells per flask. - Cells are grown in DMEM supplemented with 10% FBS and 0.1 mM NEAA. - Cells are trypsinized and seeded into new flasks. - Cells are grown in DMEM supplemented with 10% FBS and 0.1 mM NEAA. - Cells are trypsinized and seeded into new flasks.
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Incubation Atmosphere	37°C, 5% CO ₂ , humidified
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Flask Coating	Not required
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Freezing
Procedure

AAV-293 cells are grown in DMEM supplemented with 10% FBS. Cells are harvested by trypsinization and centrifugation. The cell pellet is resuspended in freezing medium (DMEM + 10% FBS + 10% DMSO) and frozen at -78°C.

Shipping
Conditions

AAV-293 cells are shipped in freezing medium (DMEM + 10% FBS + 10% DMSO) at -78°C.

Storage
Conditions

AAV-293 cells can be stored in freezing medium (DMEM + 10% FBS + 10% DMSO) at -150 to -196°C for up to 12 months.

AAV-293 cells are grown in DMEM supplemented with 10% FBS.

Sterility

AAV-293 cells are grown in DMEM supplemented with 10% FBS. Cells are harvested by trypsinization and centrifugation. The cell pellet is resuspended in freezing medium (DMEM + 10% FBS + 10% DMSO) and frozen at -78°C.

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