HyClone™ cell culture media for viral vector production

HyClone **peak** expression media
HyClone **prime** expression media

Maximize your viral vector production with high-performance cell culture media

HyClone™ peak expression medium and HyClone prime expression media are animal-derived component-free (ADCF), chemically defined (CD), hydrolysate-free, and regulatory-friendly. These ready-to-use media support high cell growth, exceptional transfection efficiency, and robust viral production for adeno associated virus (AAV) and lentivirus (LV) expressed in human embryonic kidney (HEK293) cell lines.

Key features of HyClone cell culture media for viral vector production

- Supports high transfection efficiency; allows for direct adaptation
- Designed for high cell density and robust virus production (AAV and LV)
- Designed for small- to large-scale transfection and production applications
- Compatible with polyethyleneimine (PEI) and lipid-based transfection reagents on the market
- HyClone prime expression media are specially formulated to reduce aggregation in particularly aggregation-prone HEK293 cell lines.

HyClone media legacy

For over 45 years, HyClone has been a trusted brand in cell culture, providing high-quality media, sera, and process fluids for biologics production.

With a global footprint and a commitment to innovation, Cytiva delivers reliable solutions for every stage of your bioprocessing journey, from R&D to large-scale manufacturing.

Request a free sample now!

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Applications

- Supports both transfection and viral vector production steps
- Suitable for AAV and LV production
- Exosome production with HEK293 cells

Specifications

For liquid format

- ADCF, CD
- With sodium bicarbonate, poloxamer 188, and stable L-glutamine

For powder format

- ADCF, CD
- With poloxamer 188 and stable L-glutamine
- Without sodium bicarbonate

Product handling

Store medium at 2°C to 8°C, away from light. In addition, powder media should be stored protected from moisture in a tightly sealed container. Liquid media products are stable up to 12 months, and powdered media products are stable up to 24 months at 2°C to 8°C.

Rapid response production (RRP)

Our RRP program manufactures up to 200 L of your custom prototype formulation with a short lead time. Use our RRP service to expedite the development and testing of custom cell culture media for your biopharmaceutical manufacturing process.

Media development

Each cell line is unique. With our cell culture media development services, you can further intensify cell culture performance by optimizing media and feeds.

Related products

(please contact your sales representative for more information)

- ELEVECTA™ transient cell line
- Xcellerex™ X-platform bioreactors
- Sterilization filter for media preparation
- Magnetic stirrer mixing systems

Ordering information

Product	Size	Packaging	Product code
HyClone peak expression medium, dry powder	5 L	HDPE bottle	SH31192.01
	10 L	HDPE bottle	SH31192.02
	50 L	HDPE bottle	SH31192.03
	100 L	Poly bag/pail	SH31192.04
	500 L	Poly bag/pail	SH31192.05
	1000 L	Poly bag/pail	SH31192.06
HyClone peak expression medium, liquid	1000 mL	Bottle	SH31193.02
	1 L	Bag	SH31193.01
	5 L	Bag	SH31193.03
	10 L	Bag	SH31193.06
	20 L	Bag	SH31193.07
	50 L	Bag	SH31193.15
	100 L	Bag	SH31193.04
	200 L	Bag	SH31193.05
HyClone prime expression medium, dry powder	5 L	HDPE bottle	SH31198.01
	10 L	HDPE bottle	SH31198.02
	50 L	HDPE bottle	SH31198.03
	100 L	Poly bag/pail	SH31198.04
	500 L	Poly bag/pail	SH31198.05
	1000 L	Poly bag/pail	SH31198.06
HyClone prime expression medium, dry powder	1000 mL	Bottle	SH31199.02
	1 L	Bag	SH31199.01
	5 L	Bag	SH31199.03
	10 L	Bag	SH31199.06
	20 L	Bag	SH31199.07
	50 L	Bag	SH31199.15
	100 L	Bag	SH31199.04
	200 L	Bag	SH31199.05

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