

OPM-293 ProFeed

High Performance Protein-free Feed

— For Biomanufacturing with HEK293 cell lines



OPM-293 ProFeed is free of any animal-origin components. It contains low concentration of hydrolysates. In conjunction with OPM-CD Trans293 Basal Medium, the feed can be used to reach higher production rate after transient transfection of HEK293 cell lines and to achieve highly efficient transient transfection. OPM-293 ProFeed is available in liquid format.

Application

OPM-293 ProFeed is intended for large scale manufacturing of therapeutic biomolecules, as well as for research purposes, but not for human or any therapeutic use.

Storage & Transportation

Store at 2~8°C, dark and dry
Ship at Room temperature (Liquid), Blue ice (Dry powder)

Shelf Life

OPM-293 ProFeed Medium Liquid: 12 months

Reconstitution Method for Dry Powder

1. Fill a clean mixing vessel to 80% of the final volume with high quality purified water, such as WFI at ambient temperature (30°C to 35°C). Start mixing. For example, to prepare 1 liter of growth medium, start with 800 mL of water.
2. Add OPM-293 ProFeed DPM at 107.85g/L slowly to the vessel, avoiding formation of clumps. Keep stirring for 20 minutes.
3. Add 5N NaOH slowly to adjust the pH until the solution is clear, keep stirring 20 minutes.
4. Adjust pH to 7.6 with 5N HCl slowly.
5. Adjust to the final volume with high quality purified water, such as WFI and keep stirring 10 minutes.
6. Sterilize immediately by membrane filtration.
7. Label as "OPM-293 ProFeed Medium".
8. Store media at 2°C to 8°C with protection from light.

Quality Specifications

Specifications	OPM-293 ProFeed Medium
pH	7.5~8.0
Osmolality (mOsm/kg)	1050~1250
Endotoxin (EU/mL)	<10
Sterility test	Negative



Cell Culture Conditions

37°C, 80% humidity, 5~8%CO₂

Shaker speed 110-150 rpm (amplitude: 50mm).

Recommended feeding strategy

Feed	Feeding strategy
OPM-293 ProFeed	24h/48h post-transfection add 5% OPM-293 ProFeed

Order Information

OPM-CD 293 Transient Transfection System

Name	Cat No.	Type	Volume	Description
OPM-CD Trans293	P82019	Liquid	1000mL	With L-Glutamine
OPM-293 ProFeed	F081918	Liquid	100mL	Protein-free feed
	F081918-001	Liquid	1000mL	

Other HEK293 Culture Medium

Name	Cat No.	Type	Volume	Description
OPM-293 CD03 DPM	91070-010	Dry powder	10L	Without L-Glutamine
	91070-050	Dry powder	50L	
OPM-293 CD03 Medium	81070-001	Liquid	1000mL	Without L-Glutamine
OPM-293 CD05 Medium	81075-001	Liquid	1000mL	With L-Glutamine

 **Shanghai OPM Biosciences Co., Ltd.**

OPM Headquarter: Building #28, 908 Ziping Road, Pudong, Shanghai, China
CDMO Development Center: Building #3, 100 Banxia Road, Pudong, Shanghai, China
Media & CDMO Manufacturing Center: C3&D3, No. 356, Zhengbo Road, Fengxian, China

+86 021-6818 2622
service@opmbiosciences.com
www.opmbio.com