



# OPM-CHO ProFeed

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Chemically Defined High Performance Feed for Transfection

— For Biomanufacturing

**OPM-CHO ProFeed** is an animal origin-free, chemically defined feed that contains no protein, growth factors or components of unknown composition and is developed for the growth of Chinese Hamster Ovary (CHO) cells and transfection in suspension culture. In conjunction with OPM-CD TransCHO medium, higher expression level of the target protein can be achieved.

## Application

OPM-CHO 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-CHO ProFeed Medium Liquid: 12 months

## Quality Specifications

Specifications	OPM-CHO ProFeed Medium
Appearance	Orange red clear liquid
pH	6.5~7.5
Osmolality (mOsm/kg)	1350~1650
Solubility	---
Endotoxin (EU/mL)	<2.0
Sterility test	Negative

## Cell Culture Conditions

37°C, 80% humidity, 5~8%CO<sub>2</sub>  
Shaker speed 110-150 rpm (amplitude: 50mm).

## Recommended feeding strategy

Basal medium	Cell recovery after transfection	Feed strategy	
OPM-CD TransCHO	Cells recover well(Doubling time of cells after transfection is not changed significantly, and the viability is greater than 90%)	OPM-CHO ProFeed	Add 4%, 5%, 6%, 5%, 4% and 4% of the initial culture volume of OPM-CHO ProFeed , at D1, D3, D5, D7, D9 and D11 respectively after transfection; When glucose is ≤ 3g / L, add glucose concentrate at 6g/L final concentration
	Cells recover not well(Doubling time of cells after transfection is prolonged significantly, or the viability is lower than 90%)	OPM-CHO ProFeed	Observe and determine the feed starting point according to cell recovery



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## Order Information

### High Performance Feeds

Name	Cat No.	Type	Volume
OPM-CHO ProFeed	P81279	Liquid	1000mL

### Cell Culture Media

Name	Cat No.	Type	Volume
OPM-CD TransCHO	P83059	Liquid	1000ml
OPM-CD TransCHO DPM	P93059	Dry powder	10L/50L/100L

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