

# COSMOS

## CHO S culture medium

Serum free, animal component free, for recombinant protein production.



## BENEFITS

Developed to maximize protein production with CHO S cells. The medium provides equivalent or higher growth of CHO S cells when compared to other serum-free media. The medium offers

**Simplicity:** Ideal from bench to manufacturing scale.

**Serum-free and animal component free:** Reduces the risk for animal derived contaminants.

**Fully defined:** It doesn't contain hydrolysates or other complex additives. Thus, process variability is reduced.

**Antibiotic-free:** No risk of antibiotic traces, hidden contamination and endotoxins.

## PRODUCT INFORMATION

COSMOS medium is free of serum, animal components and hydrolysates. The medium is developed for recombinant protein production in suspension cells. If combined with COSMOS Feeds medium supports a viable cell concentration up to  $3 \times 10^7$ /mL.

COSMOS medium is easy-to-use and suitable for suspension cultures. It requires only minimal or no adaptation from other serum-free media.

## APPLICATION

COSMOS medium is dedicated to recombinant protein expression for human like glycosylation, for example Erythropoietin, antibodies, Fc-fusion proteins.

## MEDIUM SPECIFICATION

Name	COSMOS
Regulatory	Serum-free, animal component free, hydrolysate free, antibiotic free
Available Form	Liquid or powder
Cell Line	CHO S suspension cells
Storage Condition	2-8 °C, protect from light
Application	For research and manufacturing

## COSMOS PERFORMANCE

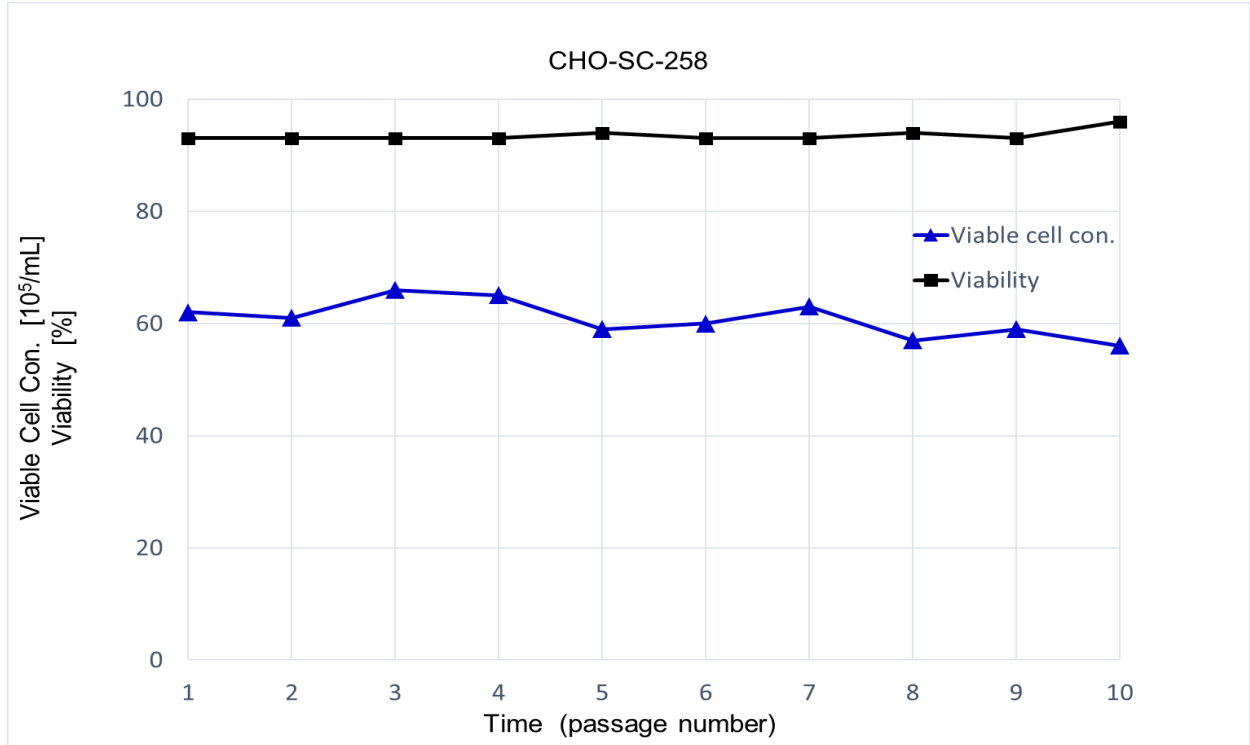


Figure 1: CHO S suspension cells are cultured in stock culture (shake flask) in COSMOS culture medium for 10 passages. Inoculation cell concentration was kept by  $3 \times 10^5/\text{mL}$ . Cells were split every 3<sup>rd</sup> day.

## ORDERING INFORMATION

Name	Application	Formulation	Volume	Catalogue number
COSMOS	Culture medium	Liquid	1 L	CSM46-L1
COSMOS	Culture medium	Liquid	0,5 L	CSM46-L05
COSMOS FEED A	Feed A medium	Liquid	0,5 L	CFA77-L05
COSMOS FEED B	Feed B medium	Liquid	0,1 L	CFB24-L01

Custom made media are possible.

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