

ClonaCell™-CHO ACF Supplement



Serum-Free, Animal Component-Free Supplement for Cloning and Expansion of CHO Cell Lines

Catalog # 03820

2.5 mL

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Product Description

ClonaCell™-CHO ACF Supplement is a defined, animal component-free supplement that contains recombinant proteins and synthetic components. It is used to supplement protein-free liquid or semi-solid media to promote the cloning efficiency and growth of the Chinese hamster ovary (CHO) cell line.

- Contains only recombinant proteins and synthetic components
- Significantly increases single-cell cloning efficiency of CHO cells in protein-free liquid or semi-solid media
- Compatible with a wide variety of commercially available liquid or semi-solid protein-free media
- Allows the user to maintain existing upstream and downstream cell culture processes

Properties

Storage: Store at 2 - 8°C.

Shelf Life: Stable until expiry date (EXP) on label.

Contains:

- Recombinant proteins and chemically defined components
- Does NOT contain serum, hydrolysates, hypoxanthine, thymidine, or L-glutamine
- Does NOT contain selective agents or antibiotics

Product is sensitive to light and should be kept in the dark whenever possible. Precipitate may be observed over time; this will not affect performance. If desired, precipitates may be removed by a brief centrifugation or filtration of the supplement prior to use.

Handling / Directions For Use

SUPPLEMENTATION OF LIQUID/SEMI-SOLID MEDIUM

1. Mix ClonaCell™-CHO ACF Supplement by inverting the tube several times.
2. Add selective agents and/or other compounds (e.g., L-Glutamine, Catalog #07100; G418, Catalog #03812) to a protein-free CHO cell culture medium of choice (e.g. ClonaCell™-CHO CD Liquid Medium, Catalog #03817 or semi-solid ClonaCell™-CHO CD Medium, Catalog #03815).
3. Add ClonaCell™-CHO ACF Supplement at a 1 in 40 dilution to the medium.

For example, add 2.5 mL of ClonaCell™-CHO ACF Supplement to 97.5 mL of protein-free CHO cell culture medium.

NOTE: Dilutions other than 1 in 40 may be used. A titration of the supplement may be required to determine the optimal dilution for specific cells and applications.

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