

User Manual

OriCell™ ITS Cell Culture Supplement (100X)

Catalog No. ITSS-10201



Introduction

OriCell™ ITS Cell Culture Supplement (100×) contains insulin, human transferrin and selenite. These substances are important for in vitro cell growth and differentiation. This supplement can promote cell proliferation and reduce the serum requirements for various cell types.

Note: This product is only provided for further scientific research. It is not intended for diagnostic, therapeutic, clinical, household, or any other applications.

When citing our products in academic journals, please indicate “OriCell™ + Catalog Number, from Cyagen Biosciences (Guangzhou) Inc.”

Product Information

Product Ingredients	Content per 5 mL
Human recombinant insulin	3.125 mg
Human transferrin	3.125 mg
Selenite	3.125 µg
BSA	0.625 g
Linoleic acid	2.675 mg

QC

- Pass the detection of bacteria, fungi, mycoplasma and endotoxins.
- Pass the detection of osmotic pressure and pH.
- Pass the detection of product quality.

Please reference "COA" for details.

Product Stability and Storage Conditions

1. This reagent should to be stored at 2~8°C. It has a shelf life of 1 year.
2. If the reagent will not be used up immediately, it is recommended to aliquot and store it to avoid repeated freeze-thaw cycles.
3. Please use product within the expiration date. Expired ingredients may significantly affect the cell culture effect.

Instructions

1. At least 2 hours before preparation, place OriCell™ ITS Cell Culture Supplement (100×) in a 4°C refrigerator to allow it to thaw completely.

Note: This product needs to be protected from light. The thawed supplement may have flocculent or granular precipitates, which will not affect its performance. Gently shake or warm slightly to redissolve any precipitates.

2. Shake thoroughly to mix.

3. Add the supplement to the basal medium at a volume ratio of 1 (ITS): 100 (complete medium).
4. Mix the complete medium well and protect it from light using aluminum foil or other light-proof coverings.

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