VISUAL PROTEIN

Manual

HybriMore™ Hybridoma Cloning Factor

V2.0

HB01-1L

Store at 2-8 °C
For Research Use Only

Introduction

Hybridoma cells, which are used for production of monoclonal antibodies, result from fusion of an antibody producing B-cell with a tumor cell, typically myeloma cells. Growth factors and serum are generally used to support the hybridoma development and achieve an optimal cell density and cloning efficiency.

HybriMore™ Hybridoma Cloning Factor is the first completely defined growth promoting supplement especially for hybridoma cells. It may substantially increase the cloning efficiency of the newly fused hybridoma cells. It also significantly increases the successful rate of monocloni-zation. The addition of **HybriMore™ Hybridoma Cloning Factor** will not alter the yield of antibody secretion in hybridoma cells.

Product Components

HybriMore™ Hybridoma Cloning Factor (HB01-1L)

Hybridoma Cloning Factor	1 L dilute	1 bottle
User's manual		

Safety Information

Please wear gloves, lab coat and goggles while operating. Prevent contact product directly. In case of contacting, wash with large amount of water.

Storage

HybriMore™ Hybridoma Cloning Factor should be stored at 2-8 °C and shielded frome light. Please use up the product in 12 months.

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Instruction

1. Reconstitute Hybridoma Cloning Factor by 1 mL ddH_2O.
2. Add the reconstituted Hybridoma Cloning Factor into 1 L regular culture media, such as DMEM or RPMI-1640 based media with 10% fetal bovine serum and antibiotics.
3. Sterile the reconstituted Hybridoma Cloning Factor by filtering through 0.22 μm filters. The reconstituted Hybridoma Cloning Factor should be used up within 1 month.
4. The Hybridoma Cloning Factor containing media can be stored as the regular hybridoma culturing media. The addition of Hybridoma Cloning Factor will not alter the shelf life of prepared media.
5. The prepared media can be directly used for culturing the newly fused hybridoma cells, or the monoclonization experiment.
6. The recommend situations of Hybridoma Cloning Factor addition:
   (1) Hybridoma Cloning Factor can be added to HAT-media during the initial selection of hybridoma cells.
   (2) Hybridoma Cloning Factor can be added to cell culture media for the monoclonization of hybridoma cells.

Related Visual Protein Products

LumiFlash™ Prime Chemiluminescent Substrate, HRP System	LF01-500	500 mL
LumiFlash™ Ultima Chemiluminescent Substrate, HRP System	LF08-500	500 mL
LumiFlash™ Infinity Chemiluminescent Substrate, HRP System	LF16-500	500 mL
LuminolPen™, HRP System	LH03-50	1 pen
LuminolPen™ EZ, HRP System	LH05-50	1 pen

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