

Product sheet

HEK293T | 305214

HEK293T

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (Cytion 820100a)

Supplements Cytion 820100a 10% FBS, 1% NEAA 1.0 mM Cytion 820100a

Dissociation Reagent Cytion 820100a

Subculturing HEK293T cells are cultured in EMEM supplemented with 10% FBS and 1% NEAA. For subculturing, cells are trypsinized with Trypsin-EDTA (Cytion 820100a) and resuspended in EMEM supplemented with 10% FBS and 1% NEAA. Cells are seeded into new flasks at a density of 1 x 10⁶ cells per flask.

Split ratio 1:2 to 1:4

Fluid renewal 2 to 3 times per week

Freeze medium EMEM supplemented with 10% FBS and 1% NEAA (Cytion 820100a) + 10% DMSO (Cytion 820100a) + CM-1 (Cytion 820100a)

- Thawing and Culturing Cells**
1. Thaw the cells in a 37°C water bath.
 2. Dilute the cells in EMEM supplemented with 10% FBS and 1% NEAA.
 3. Seed the cells into a 25 cm² flask.
 4. Allow the cells to attach for 24 hours.
 5. Refresh the medium after 24 hours.
 6. Seed the cells into a 96-well plate at a density of 1 x 10⁵ cells per well.
 7. Allow the cells to attach for 24 hours.
 8. Refresh the medium after 24 hours.

Incubation Atmosphere 37°C, 5% CO₂, humidified

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Flask Coating

Flask coating is not required for this product.

Freezing Procedure

For freezing, the product should be stored at -78°C.

Shipping Conditions

Shipping conditions should be maintained at -78°C.

Storage Conditions

Storage conditions should be maintained at -150 to 196 K.

HLA

Sterility

The product is sterile and ready for use in PCR.

The product is stable for 12 months.