

HK-ZFN-AURKB-mEGFP | 300173

CellosaurusAccession CVCL_VL13

Depositor (EMBL)

GMO Status GMO-S1: HeLa Kyoto mEGFP ZFN AURKB

Products EGFP

Culture Medium DMEM, w: 4.5 g/L, w: 4 mM L-, w: 3.7 g/L NaHCO3, w: 1.0 mM (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent

Subculturing 3

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the cryovials rapidly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed medium.
2. Centrifuge at 300 x g for 3 minutes. Resuspend in 150 µl of medium. Seed into a 96-well plate.
3. Incubate at 37°C with 5% CO₂ for 24 hours. Check for cell attachment.
4. Remove the medium and replace with fresh medium. Seed density should be 70% confluency.
5. Incubate for 15 days. Harvest cells at 8 days post-seeding.
6. Harvest cells by centrifugation at 300 x g for 3 minutes. Wash with PBS.
7. Resuspend in 10 µl of lysis buffer. Store at -80°C until use.
8. Perform PCR analysis to confirm the presence of the mEGFP transgene.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Not required

Freezing Procedure

Resuspend cells in freezing medium. Aliquot into cryovials. Freeze at -80°C.

Shipping Conditions

Store at -80°C. Ship on dry ice.

Storage Conditions

Store at -150°C for 196 weeks.

HLA

Sterility

PCR analysis of the mEGFP transgene. No contamination detected.