

Product sheet

NCI-H522 | 305279

Mutational profile TP53 p.Pro191fs*56 (c.571delC)

Culture Medium RPMI 1640 2.0 mM Glucose 2.0 mM NaHCO₃ (820700a)

Supplements 10% FBS 4.5 mM Glucose 10 mM Glutamine (10 mM Glutamine) 1 mM β-mercaptoethanol

Dissociation Reagent Trypsin

Subculturing 1:3 to 1:6 split ratio into PBS

Split ratio 1:3 to 1:6

Fluid renewal 2-3 times per week

Freeze medium 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Add 10 mL of complete medium to the cells.
 3. Centrifuge at 300 x g for 3 minutes.
 4. Resuspend cells in 10 mL of complete medium.
 5. Seed cells into a T25 flask.
 6. Incubate cells in a 37°C incubator with 5% CO₂.
 7. Monitor cell growth and confluency.
 8. Pass cells when they reach 70-80% confluency.

