

Product sheet

MEL-CLS-3 | 300293

General Information

Description	MRI-H-221
Organism	
Tissue	
Disease	
Synonyms	MRI-H-221

Demographics

Age	
Gender	
Ethnicity	
Growth properties	

Identification

Citation	MEL-CLS-3 (300293)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_6002

Characteristics

Protein expression	P53(+)
Tumorigenic	

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Viruses	3x PVM, LCM, M.Pulmo
Mutational profile	BRAF V600E
Culture Medium	DMEM 4.5, 4, 3.7, NaHCO3 1.0
Supplements	10% FBS
Dissociation Reagent	
Subculturing	PBS
Seeding density	1 x 10 ⁴
Fluid renewal	3
Post-Thaw Recovery	48
Freeze medium	10% DMSO, FBS

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Thawing and Culturing Cells

1. Thaw the cells rapidly at 37°C in a water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 × g for 3 minutes at 4°C. Resuspend the cells in pre-warmed medium.
3. Seed the cells into a pre-warmed flask containing 37 mL of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified atmosphere with 5% CO₂. The cells should reach 70% confluency within 7-10 days.
5. Harvest the cells by trypsinization. Seed the cells into a pre-warmed flask containing 15 mL of pre-warmed medium.
6. Incubate the cells at 37°C in a humidified atmosphere with 5% CO₂. The cells should reach 70% confluency within 7-10 days.
7. Harvest the cells by trypsinization. Seed the cells into a pre-warmed flask containing 10 mL of pre-warmed medium.
8. Incubate the cells at 37°C in a humidified atmosphere with 5% CO₂. The cells should reach 70% confluency within 7-10 days.

Incubation Atmosphere 37°C, 5% CO₂, humidified atmosphere

Flask Coating Not required

Freezing Procedure Harvest cells by trypsinization. Resuspend cells in freezing medium. Freeze cells in a controlled rate freezer at -1°C/min to -150°C. Store cells at -196°C in liquid nitrogen.

Shipping Conditions Cells should be shipped at -150°C to -196°C in liquid nitrogen.

Storage Conditions Cells should be stored at -150°C to -196°C in liquid nitrogen.

HLA

Sterility The cells are free of mycoplasma contamination. The cells are free of endotoxins. The cells are free of PCR inhibitors.