

## EOMA | 305241

**Description** EOMA  
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**Organism**

**Tissue**

**Disease**

**Breed/Subspecies** 129

**Age**

**Gender**

**Morphology**

**Cell type**

**Growth properties**

**Citation** EOMA (305241)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_3507

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<b>Protein expression</b>	ACE, L, 6 IL-6
<b>Antigen expression</b>	CD31 + CD31 + CD45 (Ly5-T200) + CD31 + CD45 (Ly5-T200) +
<b>Tumorigenic</b>	
<b>Culture Medium</b>	DMEM 4.5, 4, 3.7 NaHCO3 1.0
<b>Supplements</b>	10 FBS
<b>Dissociation Reagent</b>	
<b>Subculturing</b>	PBS
<b>Fluid renewal</b>	2 3
<b>Freeze medium</b>	(FBS) + 10% DMSO

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## Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Do not shake the vial. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 ml of pre-warmed medium.
3. Seed the cells into a 25 cm<sup>2</sup> flask containing 10 ml of pre-warmed medium. The final cell concentration should be approximately 1.5 x 10<sup>6</sup> cells/ml.
4. Incubate the cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C. The medium should be replaced every 2-3 days.
5. Once the cells reach confluence, they can be used for experiments. The cell density should be approximately 70%.
6. For long-term storage, harvest the cells and resuspend them in 10 ml of freezing medium.
7. Store the cells in a liquid nitrogen vapor phase at -196°C. The cells can be stored for up to 12 months.
8. Thaw the cells in a water bath at 37°C. Do not shake the vial. Transfer the cells to a pre-warmed medium.

## Incubation Atmosphere

37°C, 5% CO<sub>2</sub>, humidified atmosphere

## Flask Coating

Flasks are pre-coated with poly-L-lysine.

## Freezing Procedure

Resuspend cells in 10 ml of freezing medium. Seed into a 25 cm<sup>2</sup> flask. Harvest cells at 70-80% confluence.

## Shipping Conditions

Cells are shipped in a dry ice container at -78°C.

## Storage Conditions

Cells are stored in a liquid nitrogen vapor phase at -150 to -196°C.

/ / HLA

## Sterility

Cells are produced in a GMP-compliant facility. All media and reagents are sterile filtered (PCR).

Cells are tested for mycoplasma contamination. All cells are negative.