

Product sheet

HEI-OC1 | 305548

HEI-OC1

Description HEI-OC1, Immortomouse, HEI-OC1 (L.P.)

Organism

Tissue

Disease

Synonyms HEIOC1, 1

HEI-OC1

Breed/Subspecies (CBA/Ca x C57BL/10)Tg(H2Kb-tsA58)

Age 7

Gender

Morphology

Growth properties

HEI-OC1

Citation HEI-OC1 (Cytion 305548)

Biosafety level 2

NCBI_TaxID 10090

CellosaurusAccession CVCL_D899

GMO Status GMO-S1: Immorto HEI-OC1 SV40 large T-antigen

HEI-OC1 | 305548

HEI-OC1 - HEI-OC1

Viruses HEI-OC1 40 (SV40)

HEI-OC1

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

Supplements FBS 10%

Dissociation Reagent Trypsin

Subculturing HEI-OC1 cells are cultured in DMEM supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 300xg.

Freeze medium DMEM supplemented with 10% FBS and 10% DMSO.

Thawing and Culturing Cells

1. Thaw the cells in a 37°C water bath.
2. Centrifuge the cells at 300 x g for 3 minutes.
3. Wash the cells with PBS.
4. Resuspend the cells in DMEM supplemented with 10% FBS.
5. Seed the cells into T25 flasks.
6. Incubate the cells in a 37°C incubator with 5% CO₂.
7. Monitor cell growth and passage when cells reach 70-80% confluency.
8. Harvest cells for downstream applications.

Incubation Atmosphere 37°C, 5% CO₂, humidified

