

Product sheet

**A64-CLS | 300199**

**General information**

|             |                                                                                                                                                                             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Human melanocytes, immortalized by retroviral transduction of SV40 large T antigen and SV40 small t antigen, and transfected with a construct encoding the A64-CLS protein. |
| Organism    | Human                                                                                                                                                                       |
| Tissue      | Human skin - melanocytes                                                                                                                                                    |
| Disease     | None                                                                                                                                                                        |
| Synonyms    | A-64CLS                                                                                                                                                                     |

**Cell characteristics**

|                   |          |
|-------------------|----------|
| Age               | 63 days  |
| Gender            | Male     |
| Ethnicity         | European |
| Growth properties | Adherent |

**Cell culture conditions**

|                      |                         |
|----------------------|-------------------------|
| Citation             | A64-CLS (Cytion 300199) |
| Biosafety level      | 1                       |
| NCBI_TaxID           | 9606                    |
| CellosaurusAccession | CVCL_5968               |

**Cell culture media**

|             |                     |
|-------------|---------------------|
| Tumorigenic | No, non-tumorigenic |
|-------------|---------------------|

**Notes**

**HEK293A64-CLS | 300199**

**Culture Medium** EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO<sub>3</sub>, w: EBSS (Cytion 820100a)

**Supplements** Cytion 820100a 10% FBS 1% NEAA

**Dissociation Reagent** Trypsin

**Subculturing** Cells are grown in 25 cm<sup>2</sup> flasks in EMEM supplemented with 10% FBS and 1% NEAA. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is changed every 3-5 days.

**Seeding density** 1 x 10<sup>4</sup> cells/cm<sup>2</sup>

**Fluid renewal** Every 3-5 days

**Post-Thaw Recovery** Cells are thawed in a 37°C water bath and seeded into a 25 cm<sup>2</sup> flask. The medium is changed every 24 hours.

**Freeze medium** Cells are harvested by trypsinization and centrifugation. The pellet is resuspended in freezing medium (EMEM + 10% FBS + 10% DMSO) and stored at -80°C.

**Thawing and Culturing Cells**

1. Thaw the cells in a 37°C water bath and seed them into a 25 cm<sup>2</sup> flask.
2. Change the medium after 24 hours and add fresh medium.
3. When cells reach 80-90% confluency, trypsinize them and seed them into new flasks.
4. The medium is changed every 3-5 days.
5. Cells are grown in 25 cm<sup>2</sup> flasks in EMEM supplemented with 10% FBS and 1% NEAA.
6. The medium is changed every 3-5 days.
7. Cells are grown in 25 cm<sup>2</sup> flasks in EMEM supplemented with 10% FBS and 1% NEAA.
8. The medium is changed every 3-5 days.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

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[illegible]