

Product sheet

CLS-103 | 400176

General Information

<b>Description</b>	CLS-103 is a cell line derived from NMRI. It is a fibroblast cell line.
<b>Organism</b>	Human
<b>Tissue</b>	Embryonic kidney
<b>Disease</b>	None
<b>Synonyms</b>	CLS 103, CLS103

Characteristics

<b>Breed/Subspecies</b>	NMRI
<b>Age</b>	Primary
<b>Gender</b>	Male
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

Identification

<b>Citation</b>	CLS-103 (Cytion 400176)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	10090
<b>CellosaurusAccession</b>	CVCL_5725

Genetic Information

<b>Tumorigenic</b>	Not tumorigenic
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Thawing and Culturing Cells

1. Thaw the cells quickly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.
3. After 24 hours, check the cell density. If the density is low, add more cells to reach a density of 1 x 10<sup>6</sup> cells per flask.
4. Harvest the cells by centrifugation at 300 x g for 5 minutes. Wash the cells with PBS and resuspend in medium.
5. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.
6. After 24 hours, check the cell density. If the density is low, add more cells to reach a density of 1 x 10<sup>6</sup> cells per flask.
7. Harvest the cells by centrifugation at 300 x g for 5 minutes. Wash the cells with PBS and resuspend in medium.
8. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.

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

**Flask Coating** Cell culture medium, 10% FBS

**Freezing Procedure** Harvest cells by centrifugation at 300 x g for 5 minutes. Wash with PBS and resuspend in freezing medium. Freeze at -80°C.

**Shipping Conditions** Store at -80°C. Ship on dry ice.

**Storage Conditions** Store at -150°C for up to 196 months.

Genotype / HLA

**Sterility** The cells are free of mycoplasmas and other contaminants. PCR confirmed.