

Product sheet

NE-4C | 305182

Description

NE-4C is a cell line derived from a mouse embryo. It is a fibroblast cell line that expresses β III-tubulin, MAP2, and other markers. NE-4C

Organism

Tissue

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Breed/Subspecies

C57BL/6 $\times$ 129/Sv-Trp53-/-

Age

Embryo

Morphology

Growth properties

Citation

NE-4C (Cytion 305182)

Biosafety level

1

NCBI_TaxID

10090

CellSaurusAccession

CVCL_B063

Antigen expression

Sox-2, Otx-2, En-1

Culture Medium

EMEM(MEM), w: 2mM L- , w: 2.2g/L NaHCO₃, w: EBSS(820100a)

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Supplements 10% FBS 1% NEAA

**Dissociation
Reagent**

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

**Seeding
density** $1\sim3 \times 10^4 / \text{cm}^2$

Fluid renewal 2~3

**Freeze
medium** (FBS) + 10% DMSO , CM-1(Cytion 800100)

**Thawing and
Culturing Cells**

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

**Incubation
Atmosphere** 37°C, 5% CO₂' .

**Shipping
Conditions** -78°C .

**Storage
Conditions** -150°C -196°C . 80°C .

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Sterility

PCR