

[illegible]

XXXXXX

**XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX**

**XXXXXXXXXXXX**

C57BL/6 × 129/Sv-Trp53<sup>-/-</sup>

XXXXXX

XXXX-XXXX

XXXXXX

NE-4C ( 1000 1000000000 1000 Cytion: 305182)

1

10090

CVCL\_B063

**XIX**

Sox-2 Otx-2 En-1

XXXXXXXXXX

EMEM (MEM Eagle) 2 2.2 %/ % NaHCO<sub>3</sub> EBSS (820100a %)

XXXXXX NE-4C | 305182

|                                    |                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Supplements</b>                 | 细胞培养基添加 10% 胎牛血清（FBS）和 1% 胰岛素样生长因子-1（IGF-1）以促进细胞增殖。                                                                                                                                                                                                                                                                               |
| <b>Dissociation Reagent</b>        | 胰蛋白酶                                                                                                                                                                                                                                                                                                                              |
| <b>Subculturing</b>                | 将细胞悬液接种到含有新鲜培养基的孔板中，使用 PBS 清洗孔板以去除未贴壁的细胞。每孔加入 2 mL 培养基。                                                                                                                                                                                                                                                                           |
| <b>Seeding density</b>             | 1 × 10 <sup>4</sup> - 3 × 10 <sup>5</sup> / 孔                                                                                                                                                                                                                                                                                     |
| <b>Fluid renewal</b>               | 2 天或 3 天后更换培养基。                                                                                                                                                                                                                                                                                                                   |
| <b>Freeze medium</b>               | 细胞悬液与冻存液混合（含 10% FBS + 10% DMSO），分装至冻存管中，置于液氮中保存。                                                                                                                                                                                                                                                                                 |
| <b>Thawing and Culturing Cells</b> | <ol style="list-style-type: none"> <li>将冻存管放入 37°C 水浴中快速解冻。</li> <li>将细胞悬液离心（100g，5分钟），弃去上清液。</li> <li>用不含血清的培养基洗涤细胞两次，以去除残留的冻存液。</li> <li>将细胞重悬于新鲜培养基中，接种到预铺有细胞的孔板中。</li> <li>将孔板置于 37°C、5% CO<sub>2</sub> 培养箱中孵育 15 天。</li> <li>每天观察细胞生长情况，当细胞融合度达到 70% 以上时，可进行传代。</li> <li>将培养基更换为新鲜培养基，继续培养。</li> <li>定期检测细胞活力和纯度。</li> </ol> |
| <b>Incubation Atmosphere</b>       | 37 °C, 5% CO <sub>2</sub> , 饱和湿度                                                                                                                                                                                                                                                                                                  |
| <b>Shipping Conditions</b>         | 细胞在干冰中运输，保持低温（-78 °C）。包装应符合国际航空运输协会（IATA）的规定。                                                                                                                                                                                                                                                                                     |
| <b>Storage Conditions</b>          | 细胞可在液氮中长期储存（-150 °C 至 -196 °C）。复苏时需小心操作，避免污染。                                                                                                                                                                                                                                                                                     |

Product sheet

NE-4C | 305182

Sterility

NE-4C is a sterile, single-use, pre-filled microcentrifuge tube. The tube is made of polypropylene and is designed for use in PCR applications. The tube is certified to be free of DNAse and RNAse, and is suitable for use with all PCR reagents. The tube is also certified to be free of endotoxins and is suitable for use in cell culture applications. The tube is designed to be used in a microcentrifuge and is suitable for use in all standard PCR applications. The tube is also suitable for use in cell culture applications. The tube is designed to be used in a microcentrifuge and is suitable for use in all standard PCR applications. The tube is also suitable for use in cell culture applications.