

## 小鼠胚胎干细胞 J1 说明书

**目录号:** SCSP-219

**细胞名称:** J1

**细胞描述** J1 细胞来源于雄性鼠灰色的 129S4/SvJae 胚胎。该细胞能进入生殖系。

**物种:** 小鼠, 129S4/SvJae 品系, 雄性

**细胞来源:** 2013 年引进

**组织:** 内细胞团

**生物安全等级:** BSL-1

**完全培养液配方:** mES 完全培养液 (产品编号 SCSP-603)。配方见备注。

**冻存日期/代数:** 详见 冻存管/培养瓶 标识

**参考传代周期:** 2-3 天

**参考传代比例:** 1:4-1:7

**参考换液频率:** 每天

**冻存液配方:** 培养液 80%, FBS 10%, DMSO 10%

**细胞状态:** 球形克隆

**支原体检测结果:** 阴性

**参考文献:**

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**备注:**

1. mES 完全培养液配方 (600 ml) :

DMEM (Invitrogen, 111960-044)	497 ml
ES 级 FBS (Gibco)	90 ml
Glutamax (Invitrogen, 35050)	6 ml
NEAA (Invitrogen, 11140)	6 ml
LIF (Millipore, ESG1107)	60 $\mu$ l (终浓度为 1000U/ml)
$\beta$ -Mer (Invitrogen, 21985)	1.5 ml

2. 相关产品: J1 所使用的饲养层细胞: CF-1 MEF

本细胞库可提供:

SCSP-105 P0,可以增殖

SCSP-105R 已经经过射线处理, 不再增殖, 可直接作为 feeder 使用。

3. 我库冻存时, 体积为 500  $\mu$ l, 预期存活率 70%, 每支冻存管的细胞复苏, 3 至 4 天后, 会形成 30 至 40 个克隆, 建议复苏至 1 个 T25 培养瓶中。

中国科学院典型培养物保藏委员会细胞库/干细胞库