

Product sheet

MC3T3-E1 | 305187

Description

MC3T3-E1

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Organism

Tissue

Applications

Synonyms

Mc3T3-E1, MC3T3E1, MC-3T3-E1, MC 3T3-E1

Breed/Subspecies

C57BL/6

Age

1

Gender

Morphology

Cell type

Growth
properties

Citation

MC3T3-E1 Cytion 305187

Biosafety level

1

NCBI_TaxID

10090

CellosaurusAccession

CVCL_0409

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Tumorigenic

Products

Culture Medium	α -MEM	w	2.0 mM	w	w	w	1.0 mM	w	2.2g/L NaHCO ₃	w/o	GIBCO	A1049001
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Supplements	10% FBS
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Dissociation Reagent	Accutase
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Doubling time	24	48
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Subculturing	PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
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Fluid renewal	2	3
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Freeze medium	FBS	+10% DMSO	CM-1	Cytion	800100	CM-1	Cytion	800100
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Thawing and
Culturing Cells

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

Incubation
Atmosphere

37°C, 5% CO₂

Flask Coating

Freezing
Procedure

-78 °C

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 -80 °C

Sterility

PCR