

Product sheet

MC3T3-E1 | 305187

Description	MC3T3-E1	MC3T3-E1	MC3T3-E1
	MC3T3-E1		MC3T3-E1

Organism

Tissue

Applications

Synonyms	Mc3T3-E1 MC3T3E1 MC-3T3-E1 MC 3T3-E1
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Breed/Subspecies	C57BL/6
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Age	1
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Gender

Morphology

Cell type

Growth properties

Citation	MC3T3-E1 Cytion 305187
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Biosafety level	1
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NCBI_TaxID	10090
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CellosaurusAccession	CVCL_0409
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Tumorigenic

Products

Culture Medium	Alpha MEM	2.0 mM	1.0 mM	2.2 g/L NaHCO ₃	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
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Fluid renewal	2	3
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Freeze medium	FBS + 10% DMSO	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

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 °C

-80 °C

Sterility

PCR