

C2C12 | 400476

Description	C2C12	2	C3H	C2C12	
	C2C12	cDNA		Myf5 MyoD Myogenin Mrf4	Csrp3
	C2C12				
		C2C12			
	C2C12				

Organism

Tissue

Applications

Synonyms	C2c12 C2-C12 C12
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Breed/Subspecies	C3H
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Age	2
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Gender

Morphology

Cell type

Growth properties

Citation	C2C12 Cytion 400476
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Biosafety level	1
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NCBI_TaxID	10090
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CellosaurusAccession	CVCL_0188
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Culture Medium	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO3	Cytion	820700a
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Supplements	10% FBS
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Dissociation Reagent	Accutase
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Doubling time	24
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Subculturing	PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
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Seeding density	$1 \times 10^4 / \text{cm}^2$	4
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Fluid renewal	3	5
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Post-Thaw Recovery	4	5×10	24
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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

/ /HLA

Sterility

PCR