

Product sheet

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

Breed/Subspecies C3H

Age 2

Gender

Morphology

Cell type

Growth properties

Citation C2C12 Cytion 400476

Biosafety level 1

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NCBI_TaxID 10090

CellosaurusAccession CVCL_0188

Culture Medium RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO₃ Cytion 820700a

Supplements 10% FBS

Dissociation Reagent Accutase

Doubling time 24

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Seeding density $1 \times 10^4 / \text{cm}^2$ 4

Fluid renewal 3 5

Post-Thaw Recovery 4×10^5 24

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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