

SVI | 400495

General information

Description	SVI (H-2kb-tsA58) / 38 / 5% CO2 14
Organism	
Tissue	

Genetic background

Breed/Subspecies	(CBA/Ca x C57BL/10)Tg(H2KbtsA58) Immort
Age	
Gender	
Cell type	
Growth properties	

Identification

Citation	SVI (Cytion 400495)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_5943
GMO Status	GMO-S1: SV40 Large T-Antigen

Protein expression

Protein expression	WT1, Lmx1b, NEPH1, FAT, P-cadherin, CD2AP, ZO-1, TRPC6, GAPDH.
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Additional information

Product sheet

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Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent

Subculturing Cells are cultured in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol. For subculturing, cells are harvested using trypsin-EDTA (Cytion 820700a) and seeded into new flasks. Cells are typically seeded at a density of 1-5 x 10⁵ cells per flask.

Split ratio 1:3 to 1:5

Seeding density 1-5 x 10⁵ cells per flask

Fluid renewal 3 times per week

Freeze medium RPMI 1640 medium supplemented with 10% FBS and 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Resuspend cells in RPMI 1640 medium supplemented with 10% FBS.
 4. Seed cells into a flask at a density of 1-5 x 10⁵ cells per flask.
 5. Incubate cells at 37°C in 5% CO₂.
 6. Monitor cell growth and confluency.
 7. Perform subculturing when cells reach 70-80% confluency.
 8. Repeat the process for subsequent passages.

Incubation Atmosphere 33°C, 5% CO₂

