

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

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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 harvested by trypsinization with 2.5% trypsin-EDTA (Cytion 820700a) in PBS. Cells are resuspended in 3 ml of complete medium and seeded into new flasks.

Seeding density 1-5 x 10⁵ cells per flask

Fluid renewal 3 times per week

Freeze medium Complete medium + 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 10 ml of complete medium.
4. Seed cells into a T25 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. Harvest cells for analysis or further culture.

Incubation Atmosphere 33°C, 5% CO₂

Product sheet

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Flask Coating

Flask coating is not required for this product.

Freezing Procedure

Freeze the product in a cryovial at -78°C.

Shipping Conditions

Shipping conditions: -78°C.

Storage Conditions

Storage conditions: -150 to 196 °C.

HLA

Sterility

The product is sterile and ready for use in PCR.

The product is stable for 12 months.