

SVI | 400495

General information

Description	SVI is a cell line derived from SV40-transformed H-2kb-tsA58 cells. It is a continuous cell line that grows in the presence of SV40 Large T-Antigen. The cells are maintained in DMEM/F12 medium supplemented with 10% FBS and 5% CO2. The cells are characterized by their high proliferation rate and their ability to form colonies in soft agar.
Organism	Human
Tissue	Epithelial

Characteristics

Breed/Subspecies	(CBA/Ca x C57BL/10)Tg(H2KbtsA58) Immort
Age	Adult
Gender	Male
Cell type	Epithelial
Growth properties	High proliferation rate, forms colonies in soft agar.

Identification and safety

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

Protein expression and analysis

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

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Flask Coating

Fluoropolymer

Freezing Procedure

For long-term storage, the sample should be frozen at -78°C.

Shipping Conditions

For shipping, the sample should be stored at -78°C.

Storage Conditions

For long-term storage, the sample should be stored at -150 to -196 °C.

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Sterility

The sample is sterile and suitable for PCR analysis. The sample is not suitable for cell culture.

STR

Amelogenin: X,X