

SVG p12 | 305878

Description	SVG p12 is a recombinant protein derived from the SV40 genome. It is a large T antigen (LT) that binds to the SV40 DNA and is essential for the replication and transcription of the viral genome. SVG p12 is used in various applications, including as a marker for transfection and as a component of viral vectors.
Organism	SV40
Tissue	SV40
Synonyms	SVGp12, SVG(P12)
Age	8-12 weeks
Gender	SV40
Ethnicity	SV40
Morphology	SV40
Cell type	SV40
Growth properties	SV40
Citation	SVG p12 (SV40) Cytion 305878
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3797
GMO Status	GMO-S1: SV40 (SV40) (SVG p12) SV40 T SV40 SV40

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Mutational profile

Culture Medium EMEM (MEM Eagle) 2 mM L-Glutamine - MEM Supplement 2.2 g/l NaHCO₃ EBSS (Gibco 820100a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Fluid renewal 2-3 times per week

Freeze medium MEM + 10% DMSO + 10% FBS

Thawing and Culturing Cells

1. Thaw cells quickly in a 37°C water bath.
2. Add 10 ml of culture medium to the vial.
3. Centrifuge at 300 x g for 3 minutes.
4. Resuspend cells in 10 ml of culture medium.
5. Seed cells into a 25 cm² flask.
6. Incubate cells in a 37°C incubator with 5% CO₂.
7. Monitor cell growth and confluency.
8. Harvest cells when they reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO₂

