

Product sheet

SVG p12 | 305878

**Description** SVG p12 is a recombinant protein consisting of the extracellular domain of the human SV40 large T antigen (p12) fused to a C-terminal tag. The protein is expressed in HEK293 cells and purified by ion exchange chromatography. It is used for the detection of antibodies against the SV40 large T antigen in Western blotting and ELISA assays. The protein is stable in solution and can be stored at 4°C for up to 6 months.

**Organism** Homo sapiens

**Tissue** Blood, Saliva

**Synonyms** SVGp12, SVG(P12)

**Age** 8-12 years old

**Gender** Male, Female

**Ethnicity** All ethnicities

**Morphology** Soluble protein

**Cell type** HEK293 cells

**Growth properties** Soluble

**Citation** SVG p12 (Cytion 305878)

**Biosafety level** 2

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_3797

**GMO Status** GMO-S1: SV40 large T antigen (SVG p12) fused to a C-terminal tag. SV40 large T antigen is a known oncogene and is classified as a Class II GMO. The protein is used for research purposes and is not intended for human consumption.

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### Mutational profile

### Culture Medium

EMEM (MEM Eagle) 2 mM L-Glutamine - MEM Supplement 2.2 g/l NaHCO<sub>3</sub> EBSS ( Gibco 820100a )

### Supplements

10% FBS

### Dissociation Reagent

Trypsin

### Fluid renewal

2-3 days

### Freeze medium

DMEM ( Gibco ) + 10% FBS + 10% DMSO

### Thawing and Culturing Cells

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

### Incubation Atmosphere

37°C, 5% CO<sub>2</sub>

