

Product sheet

SVG p12 | 305878

General information

<b>Description</b>	SVG p12 is a plasmid vector for the expression of a protein in mammalian cells. It contains a CMV promoter, a multiple cloning site (MCS), a SV40 origin of replication, and a neomycin resistance gene (neoR). The protein of interest is expressed under the control of the CMV promoter. The plasmid is packaged in a linear form and is used for transfection of cells.
<b>Organism</b>	Human
<b>Tissue</b>	Human cells
<b>Synonyms</b>	SVGp12, SVG(P12)

Target information

<b>Age</b>	8-12 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Plasmid
<b>Cell type</b>	Human cells
<b>Growth properties</b>	High

Additional information

<b>Citation</b>	SVG p12 (Cytion 305878)
<b>Biosafety level</b>	2
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_3797
<b>GMO Status</b>	GMO-S1: SV40 ori, neoR

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XXXXXXXXXX XXXX-XXXXXXXXXXXXXXXXXX

Mutational profile

XXXXXXXXXX

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO3, w: EBSS (XXXXXXXXXX Cytion 820100a)

Supplements XXXX XXXXX 10% FBS

Dissociation Reagent XXXXXXXX

Fluid renewal 2 x 3 XXXXXXX XXXXXXX

Freeze medium XXXXXXX XXXXXXX XXXXXXX, XXXX XXXXXXX XXXXXXX XXXXXXX XXXX (XXXXX FBS) + 10% DMSO XXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX, XXX C

Thawing and Culturing Cells

- 1. XXX XXXXXXXXXX XXXX XXXX XXXXXXXXXX XXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXX XXX XXX XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXX
2. XXX XXXXX XXXXXXX, XXXXX XXX XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXX XXX -150°C XXX XXXXXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX, XXX XXXXXXX
3. XXXXXXX XXXXXXX XXXXXXX, XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXX XXX XXXXXXXXXX XXXXXXX XXX XXXXXXXXXX XXX 37 XXXXXXX XXXXXXXXXX XXX XXXXXXX
4. XXXX XXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXX, XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX 70% XXXXXXX XXXXXXXXXX
5. XXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXX XXX XXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXX 15 XXX' XXXXXXXXXX 8 XXX' XXX XXXXXXXXXX XXXXXXX
6. XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXX -300 x g XXXXXXXXXX 3 XXXXXXX XXX XXXXXXXXXX XXX XXXXXXX, XXXXXXX XXXXXXXXXX XXX XXXXXXX XXXXXXXXXX XXXXXXX XXX
7. XXXXXXX XXXXXXXXXX XXX XXXXXXX XXXXXXXXXX -10 XXX' XXX XXX XXXXXXXXXX XXXX XXXXXXX XXXXXXXXXX, XXXXXXX XXX XXXXXXXXXX XXXX XXX XXXXXXXXXX XXXXXXX T2
8. XXXXXXXXXX XXX XXXXXXXXXX XXX-XXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXX XXX XXXXXXXXXX, XXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX

Incubation Atmosphere 37°C, 5% CO2, XXXXXXXXXX XXXX

**SVG p12 | 305878**

**Shipping  
Conditions**

Store at -78°C

**Storage  
Conditions**

Store at -150 to 196°C

**HLA**

**Sterility**

PCR  
HLA