

Product sheet

SV-80 | 300345

|                      |                     |        |        |       |       |
|----------------------|---------------------|--------|--------|-------|-------|
| Description          | SV40                | Todaro | 1963   | A     | C     |
| Organism             |                     |        |        |       |       |
| Tissue               |                     |        |        |       |       |
| Disease              | SV40                |        |        |       |       |
| Metastatic site      |                     |        |        |       |       |
| Applications         | DNA                 | SV40   | SV40 T |       |       |
| Synonyms             | SV-80               | SV 80  | SV-A   | 80 SV | 80 80 |
| Age                  |                     |        |        |       |       |
| Gender               |                     |        |        |       |       |
| Ethnicity            |                     |        |        |       |       |
| Morphology           |                     |        |        |       |       |
| Cell type            |                     |        |        |       |       |
| Growth properties    |                     |        |        |       |       |
| Citation             | SV-80 Cytion 300345 |        |        |       |       |
| Biosafety level      | 1                   |        |        |       |       |
| NCBI_TaxID           | 9606                |        |        |       |       |
| CellosaurusAccession | CVCL_0541           |        |        |       |       |

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|                   |        |       |        |     |
|-------------------|--------|-------|--------|-----|
| <b>GMO Status</b> | GMO-S1 | SV-80 | SV40 T | DNA |
|-------------------|--------|-------|--------|-----|

|                    |      |               |
|--------------------|------|---------------|
| <b>Tumorigenic</b> | SMRV | Real-Time PCR |
|--------------------|------|---------------|

|                  |      |      |    |
|------------------|------|------|----|
| <b>Karyotype</b> | = 76 | = 52 | 87 |
|------------------|------|------|----|

|                       |      |         |         |                            |        |        |         |
|-----------------------|------|---------|---------|----------------------------|--------|--------|---------|
| <b>Culture Medium</b> | DMEM | 4.5 g/L | 4 mM L- | 3.7 g/L NaHCO <sub>3</sub> | 1.0 mM | Cytion | 820300a |
|-----------------------|------|---------|---------|----------------------------|--------|--------|---------|

|                    |     |     |
|--------------------|-----|-----|
| <b>Supplements</b> | 10% | FBS |
|--------------------|-----|-----|

|                             |          |
|-----------------------------|----------|
| <b>Dissociation Reagent</b> | Accutase |
|-----------------------------|----------|

|                      |    |    |
|----------------------|----|----|
| <b>Doubling time</b> | 20 | 24 |
|----------------------|----|----|

|                     |     |     |     |     |     |      |          |     |     |     |
|---------------------|-----|-----|-----|-----|-----|------|----------|-----|-----|-----|
| <b>Subculturing</b> | PBS | T25 | 3-5 | PBS | T75 | 5-10 | Accutase | T25 | 1-2 | T75 |
|---------------------|-----|-----|-----|-----|-----|------|----------|-----|-----|-----|

|                    |   |   |
|--------------------|---|---|
| <b>Split ratio</b> | 1 | 5 |
|--------------------|---|---|

|                        |   |                 |                  |
|------------------------|---|-----------------|------------------|
| <b>Seeding density</b> | 3 | $5 \times 10^3$ | /cm <sup>2</sup> |
|------------------------|---|-----------------|------------------|

|                      |   |   |
|----------------------|---|---|
| <b>Fluid renewal</b> | 1 | 2 |
|----------------------|---|---|

|                           |
|---------------------------|
| <b>Post-Thaw Recovery</b> |
|---------------------------|

|                      |                |      |        |        |
|----------------------|----------------|------|--------|--------|
| <b>Freeze medium</b> | FBS + 10% DMSO | CM-1 | Cytion | 800100 |
|----------------------|----------------|------|--------|--------|

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Thawing and  
Culturing Cells

|    |         |        |      |       |     |
|----|---------|--------|------|-------|-----|
| 1. |         |        |      |       |     |
| 2. |         | -150°C |      |       | 3   |
| 3. |         |        | 37°C | 40-60 |     |
| 4. |         |        |      | 70%   |     |
| 5. |         |        | 8    | 15    |     |
| 6. | 300 x g | 3      |      |       |     |
| 7. | 10      |        |      | T25   | T25 |
| 8. |         |        |      |       |     |

Incubation  
Atmosphere

37°C 5% CO<sub>2</sub>

Shipping  
Conditions

-78 °C

Storage  
Conditions

-150 -196 °C

-80 °C

Sterility

PCR