

SK-NEP-1 | 300341

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|--------------------|----------|------|--|--------------|
| Description | SK-NEP-1 | | | Wilms |
| | SK-NEP-1 | G2/M | | PI3K-AKT-p5 |
| | SK-NEP-1 | | | PI3K-AKT-p53 |

Organism

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|---------------|
| Tissue |
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Disease Wilms

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| Metastatic site |
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Synonyms SKNEP-1 SKNEP1 SKNEP

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|------------|----|
| Age | 25 |
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Gender

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|------------------|
| Ethnicity |
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Morphology

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| Growth properties |
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| | |
|-----------------|------------------------|
| Citation | SK-NEP-1 Cytion 300341 |
|-----------------|------------------------|

Biosafety level 1

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|-------------------|------|
| NCBI_TaxID | 9606 |
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CellosaurusAccession CVCL_0631

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|-------------------|---|--------|
| Isoenzymes | PGM3 1 PGM1 1-2 ES-D 1 Me-2 2 AK-1 1 GLO-1 2 G6PD B | 0.0029 |
|-------------------|---|--------|

Tumorigenic

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|---------------------------|-----|
| Mutational profile | P53 |
|---------------------------|-----|

Karyotype (P12) +A1 +A2 +C +D +E +F +G

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|-----------------------|--|
| Culture Medium | McCoy's 5a w 3.0 / w w 2.0 w 2.2 / NaHCO ₃ Cytion 820200a |
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Supplements 10% FBS

| | |
|---------------------|---|
| Subculturing | ⁵ / ⁵ 1×10 ⁶ / 3×10 5×10 |
|---------------------|---|

Split ratio 1:2 1:4

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|----------------------|-----|
| Fluid renewal | 2 3 |
|----------------------|-----|

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 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% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ /HLA

Sterility PCR

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STR

CSF1PO: 10
D13S317: 11
D16S539: 11
D5S818: 13
D7S820: 8,1
TH01: 8,9,3
TPOX: 8,11
vWA: 15,19
D3S1358: 14,15
D21S11: 29,31
D18S51: 15,17
Penta E: 7,18
Penta D: 11,12
D8S1179: 12
FGA: 24

HLA

A*: '25:01:01, '31:01:02
B*: '51:01:01, '55:01:01
C*: '03:03:01, '15:02:01
DRB1*: '14:54:01, '15:01:01G
DQA1*: '01:02:01, '01:04:01
DQB1*: '05:03:01, '06:02:01
DPB1*: '03:01:01, '04:01:01
E: '01:01:01, '01:03:01