

Product sheet

SUP-T1 | 305642

|             |        |     |        |        |     |        |         |
|-------------|--------|-----|--------|--------|-----|--------|---------|
| Description | SUP-T1 | T   | T      | T-LBL  | MYC | T      | /       |
|             | SUP-T1 |     | CDKN2A |        |     | CDKN2A |         |
|             |        | NGS |        | SUP-T1 |     |        | RNA-Seq |

Organism

|        |
|--------|
| Tissue |
|--------|

Disease T

|          |        |        |        |         |         |        |        |       |       |        |    |   |   |
|----------|--------|--------|--------|---------|---------|--------|--------|-------|-------|--------|----|---|---|
| Synonyms | Sup-T1 | SUPT-1 | SupT-1 | Sup T-1 | SUP T-1 | SUP T1 | Sup T1 | SupT1 | SUPT1 | Tsup-1 | VB | T | 1 |
|----------|--------|--------|--------|---------|---------|--------|--------|-------|-------|--------|----|---|---|

|     |   |
|-----|---|
| Age | 8 |
|-----|---|

Gender

|           |
|-----------|
| Ethnicity |
|-----------|

Morphology

|           |   |
|-----------|---|
| Cell type | T |
|-----------|---|

Growth properties

|          |               |        |
|----------|---------------|--------|
| Citation | SUP-T1 Cytion | 305642 |
|----------|---------------|--------|

Biosafety level 1

|            |      |
|------------|------|
| NCBI_TaxID | 9606 |
|------------|------|

CellosaurusAccession CVCL\_1714

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Protein expression

Antigen expression

Leu-6 (CD1a)    Leu-4 (CD3)    Leu-3 (CD4)    Leu-1 (CD5)    Leu-9 (CD7)    Leu-2a (CD8)    OKT-10 (CD38)

Mutational profile

EGFR    p.Cys251Tyr (c.752G>A)    KIT    p.Arg177His (c.530G>A)    MET    p.Arg191Trp (c.538G>A)  
(c.1635G>T)    PIK3CA    p.Glu970Lys (c.2908G>A)    PTCH1    p.Arg682Cys (c.2044C>T)  
TP53    p.Arg267Leu (c.800G>T)

Karyotype

92 XYY -2 -2 -9 -9    2inv(2\*) (p21q11) +2inv(2\*) del(2\*)(Q21) 2del(4)(q31q35) 2del(5)(p13p14)  
2del(6)(q23q27) 2inv(14)(q11q32) t(7;9)(q34;q34) der(9)t(7;9)

Culture Medium

RPMI1640 w 2.0mM    w 2.0g/L NaHCO3    Cytion article number 820700a

Supplements

10% FBS

Doubling time

28

Seeding density

2.5 × 10<sup>5</sup> /mL

Fluid renewal

2-3

Freeze medium

FBS    10 DMSO

CM-1

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Thawing and  
Culturing Cells

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

Incubation  
Atmosphere

37 5%  
CO<sub>2</sub>

Shipping  
Conditions

-78

Storage  
Conditions

-150 -196 80

Sterility

PCR