

Product sheet

XXXXXX SUP-T1 | 305642

XXXXXXXXXXXXXXXXXXXX

Protein expression	XXXXXXXXXXXXXXXXXXXX (XXXXXXXXXXXXXXXXXXXX)
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	XXXXXXXXXXXXXXXXXXXX EGFR, XXXXXXXXXXXXXXX p.Cys251Tyr (c.752G>A), XXXXXXXXXXXXXXXXXXXXXXX; XXXXXXXXXXXXXXXXXXXXXXX KIT, XXXXXXXXXXXXXXX p.Arg177His p.Glu545Asp (c.1635G>T), XXXXXXXXXXXXXXXXXXXXXXX; XXXXXXXXXXXXXXXXXXXXXXX PIK3CA, XXXXXXXXXXXXXXX p.Glu970Lys (c.2908G>A), XXXXXXXXXXXXXXXXXXXXXXX; XXXXXXXXXXXXXXX p.Arg25Trp (c.73C>T), XXXXXXXXXXXXXXXXXXXXXXX; XXXXXXXXXXXXXXXXXXXXXXX TP53, XXXXXXXXXXXXXXX p.Arg267Leu (c.800G>T), XXXXXXXXXXXXXXXXXXXXXXX
Karyotype	92, XXY, -2, -2, -9, -9, XXXXXXXXXXXXXXXXXXXXXXX 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)
XXXXXXXXXXXXXXXXXXXX	
Culture Medium	RPMI 1640, w: 2.0 mM XXXXXXXXXXXXXXXXXXXXXXX, w: 2.0 XXXXX/XXXX NaHCO3 (XXXXXXXXXXXXXXXXXXXX Cytion 820700a)
Supplements	XXXXXXXXXXXXXXXXXXXXXXXXXXXX FBS 10%
Doubling time	28 XXXXXXX
Seeding density	2–5 × 10 ⁵ XXXXX/XXXXXXXXXXXX
Fluid renewal	2 XXX 3 XXXXXXXXXXXXXXXXXXXXXXX
Freeze medium	XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX (XXXXXXX FBS) + 10% DMSO

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**Thawing and
Culturing Cells**

1. Thaw the cells in a water bath at 37°C.
2. Transfer the cells to a cryovial and store at -150 °C.
3. Thaw the cells in a water bath at 37°C.
4. Centrifuge the cells at 70%.
5. Resuspend the cells in 15 µl.
6. Spin down the cells at 300 x g for 3 min.
7. Wash the cells with 10 µl.
8. Resuspend the cells in 10 µl.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

**Shipping
Conditions**

Shipped on dry ice, stored at -150 °C.

**Storage
Conditions**

Store at -150 °C to -196 °C.

For research use only. Not for clinical use.

Sterility

Cells are tested negative for mycoplasma contamination by PCR.

Cells are tested negative for endotoxin contamination.