



Product sheet

SKM-1 | 305627

**Antigen expression** CD3 - CD4 (+) CD13 + CD14 - CD15 + CD19 - CD33 + HLA-DR +

**Viruses** Ebv -, hbv -, hcv -, hiv-1 -, hiv-2 -, htlv-1/2 -, mlv -, smrv -

**Mutational profile** ASXL1 p.Tyr591Ter (c.1773C>A) BCORL1 c.4619-1G>A (c.351A>C) TP53 p.Arg248Gln (c.743G>A)

**Culture Medium** RPMI 1640 2.0 2.0 NaHCO3 (820700a)

**Supplements** 15% FBS

**Dissociation Reagent**

**Doubling time** 48

**Split ratio** 1:2 1:4

**Seeding density** 0.3  $1 \times 10^6$  /

**Fluid renewal** 2 3

**Freeze medium** (FBS) + 10% DMSO

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**Thawing and Culturing Cells**

1. **Thawing:** Thaw the vial quickly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. **Centrifugation:** Centrifuge the cells at 300 × g for 3 minutes at 4°C.
3. **Resuspension:** Resuspend the cells in 10 mL of pre-warmed medium.
4. **Seeding:** Seed the cells into a T75 flask containing 70% of pre-warmed medium.
5. **Incubation:** Incubate the cells at 37°C in 5% CO<sub>2</sub> for 15 days. Harvest cells at day 8.
6. **Media Change:** Change the medium every 3 days.
7. **Passaging:** Pass the cells every 10 days.
8. **Storage:** Store the cells at -150°C.

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>

**Flask Coating**

Yes

**Shipping Conditions**

Cells are shipped in a dry ice container at -78°C.

**Storage Conditions**

Store at -150°C to -196°C.

**SKM-1 / SKM-2 / HLA**

**Sterility**

Cells are tested for sterility using PCR.

Cells are tested for mycoplasma contamination.