

XXXX SNU-423 | 305874

[illegible]

XXXXXXXXXXXXXX

Age	40 00000
Gender	000
Ethnicity	00000000
Morphology	0000 00000
Growth properties	000

Citation	SNU-423 (SNU-423 Cytion 305874)
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0366

XXXXXXXXXX XXXX-XXXXXXXXXXXXXXXXXX

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Antigen expression	HIV-1 B; Rh +
Mutational profile	TERT, c.1-124C>T (c.228C>T) (C228T), TP53, c.376-2A>G,
Karyotype	; = 79
Culture Medium	RPMI 1640, w: 2.0 mM , w: 2.0 g/L NaHCO ₃ (Cyton 820700a)
Supplements	10% FBS
Dissociation Reagent	
Doubling time	72
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 water bath at 37°C. Transfer the cells to a pre-warmed tube and centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 1 ml of pre-warmed medium.
2. **Seeding:** Seed the cells into a 25 cm² flask containing 15 ml of pre-warmed medium. The seeding density should be approximately 1.5 x 10⁵ cells per flask.
3. **Incubation:** Incubate the cells in a humidified incubator at 37°C with 5% CO₂. The medium should be changed every 3-4 days.
4. **Passaging:** When the cells reach 70-80% confluency, passage them into a new flask. Use trypsin-EDTA to detach the cells and resuspend them in fresh medium.
5. **Freezing:** For long-term storage, harvest the cells by trypsinization and resuspend them in freezing medium. Aliquot into 1 ml vials and freeze at -150°C.
6. **Thawing (from frozen):** Thaw the vial quickly in a water bath at 37°C. Transfer the cells to a pre-warmed tube and centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 1 ml of pre-warmed medium.
7. **Seeding (from frozen):** Seed the cells into a 25 cm² flask containing 15 ml of pre-warmed medium. The seeding density should be approximately 1.5 x 10⁵ cells per flask.
8. **Incubation (from frozen):** Incubate the cells in a humidified incubator at 37°C with 5% CO₂. The medium should be changed every 3-4 days.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

Flask Coating

Not required

**Shipping
Conditions**

Cells are shipped in a dry ice container at -78°C. The container should be kept at -78°C until the cells are received.

**Storage
Conditions**

Cells can be stored in liquid nitrogen at -150°C for up to 196 days. The storage medium should be changed every 3-4 days.

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Sterility

Cells are tested for mycoplasma contamination using PCR. The results are negative. The cells are also tested for endotoxin contamination using a Limulus amoebocyte lysate (LAL) assay. The results are negative.