

SK-N-MC | 300340

Antigen expression α -Synuclein O₁ +

Isoenzymes LDH 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Tumorigenic In vivo tumorigenic in SCID mice

Karyotype 46, XX, t(12;15)(p13;q25)

Media

Culture Medium EMEM (MEM Eagle) 2x, 20% FBS, 2.2g/l NaHCO₃, EBSS (820100a)

Supplements 10% FBS, 10% FCS

Dissociation Reagent Trypsin

Doubling time 32 hours

Subculturing 1:2 to 1:12 in PBS

Split ratio 1:6 to 1:12

Seeding density 1 x 10⁴ cells/cm²

Fluid renewal 2-3 times per week

Post-Thaw Recovery 1-2 weeks

Freeze medium 50% FBS, 40% FCS, 10% DMSO, CM-1

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Thawing and Culturing Cells

1. **Thawing:** Thaw the vial containing the cells in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 3 minutes. Remove the supernatant.
3. **Resuspension:** Resuspend the cells in 10 ml of pre-warmed medium.
4. **Seeding:** Seed the cells into a flask coated with poly-D-lysine. The seeding density should be approximately 70% confluency.
5. **Medium Change:** After 15 minutes, change the medium to a fresh medium.
6. **Incubation:** Incubate the cells at 37°C in a humidified atmosphere of 5% CO₂.
7. **Passaging:** Pass the cells into a new flask when they reach 80-90% confluency.
8. **Storage:** Store the cells at -150°C for long-term storage.

Incubation Atmosphere

37°C, 5% CO₂, humidified atmosphere

Flask Coating

poly-D-lysine

Freezing Procedure

Resuspend the cells in 1 ml of freezing medium and transfer to a cryovial. Store at -196°C.

Shipping Conditions

Store at -150°C to -196°C during shipping.

Storage Conditions

Store at -150°C to -196°C.

STR markers / HLA

Sterility

The cells are certified to be free of mycoplasmas and other contaminants. PCR testing is available upon request.

STR markers: STRAmelogenin: x

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████████ HLA

A*: '01:01:01, '25:01:01
B*: '08:01:01, '08:01:01G
C*: '07:01:01
DRB1*: '03:01:01, '15:01:01G
DQA1*: '01:02:01, '05:01:01
DQB1*: '02:01:01, '06:02:01
DPB1*: '01:01:01, '04:02:01
E: '01:01:01