

XXXXXX XXXXXX

XXXXXXXXXXXX

XIX

XXXXXXXXXX XXXX-XXXXXXXXXXXX

Wnt-3A | 305184

Protein expression

Wnt-3A

Media

Culture Medium

DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM β -mercaptoethanol (Cytion 820300a)

Supplements

10% FBS, 0.4 μ g/ml G-418

Dissociation Reagent

Trypsin

Subculturing

Cells are grown in 75 cm² flasks in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is replaced with fresh medium containing 10% FBS.

Fluid renewal

2-3 times per week

Freeze medium

Cells are grown in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is replaced with fresh medium containing 10% FBS.

Thawing and Culturing Cells

1. Cells are thawed in a 37°C water bath and immediately seeded into a 75 cm² flask containing DMEM supplemented with 10% FBS.
2. Cells are grown in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks.
3. Cells are grown in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks.
4. Cells are grown in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks.
5. Cells are grown in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks.
6. Cells are grown in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks.
7. Cells are grown in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks.
8. Cells are grown in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Wnt-3A | 305184

Flask Coating

Flask Coating

**Freezing
Procedure**

Freezing Procedure: Cells are seeded into 100 cm² flasks and grown to confluence. Cells are then trypsinized and resuspended in 10 ml of freezing medium (DMEM/F12 + 10% FBS + 10% DMSO). The suspension is then slowly cooled to -80°C and stored in liquid nitrogen.

**Shipping
Conditions**

Shipping Conditions: Cells are shipped in dry ice at -80°C.

**Storage
Conditions**

Storage Conditions: Cells are stored at -150 to -196°C in liquid nitrogen.

Wnt-3A | 305184 | Wnt-3A | 305184

Sterility

Sterility: Cells are tested for sterility by PCR and found to be negative.

Sterility: Cells are tested for sterility by PCR and found to be negative.