

Product sheet

**CHO-NECTIN4 | 305984**

**CHO-NECTIN4**

**Description**

CHO-NECTIN4 is a CHO cell line expressing Nectin-4. The cells are grown in DMEM/F12 medium supplemented with 10% FBS. The cells are characterized by their high expression of Nectin-4 on the cell surface.

**Organism** CHO

**Tissue** Epithelial

**Disease** NECTIN4 (PVRL4)

**Applications** (ADC) NECTIN4

**CHO-NECTIN4**

**Age**

**Gender**

**Morphology**

**Cell type**

**Growth properties**

**CHO-NECTIN4**

**Citation** CHO-NECTIN4 (Cytion: 305984)

**Biosafety level** 1

**NCBI\_TaxID** 10029

**CellosaurusAccession** CVCL\_A8W9

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**GMO Status** GMO-S1: CHO NECTIN4

**Surface antigens** NECTIN4 (PVRL4/CD112R)

**Culture Medium** DMEM: DMEM:Ham's F12 (1:1) 3.1 2.5 15  
CHO A (InSCREENeX InSCREENeX INS-ME-1039)

**Supplements** 5 FBS (G418-Sulfat) 0.5

**Dissociation Reagent**

**Doubling time** 14-16

**Subculturing**

**Split ratio** 1 5

**Seeding density** 2 5 <sup>4</sup>

**Fluid renewal** 2 3

**Post-Thaw Recovery** 1:2 1:3 T25

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

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#### Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 100 µl of medium.
3. Seed the cells into a 24-well plate at a density of 150,000 cells per well. Incubate at 37°C.
4. After 24 hours, the cells should reach 70% confluency.
5. Harvest the cells after 15 days. Seed 8 x 10<sup>5</sup> cells per well.
6. Seed the cells into a 300 x 3 mm dish at a density of 300,000 cells per dish.
7. Harvest the cells after 10 days. Seed 10 x 10<sup>6</sup> cells per dish.
8. Harvest the cells after 10 days. Seed 10 x 10<sup>6</sup> cells per dish.

#### Incubation Atmosphere

37°C, 5% CO<sub>2</sub>

#### Shipping Conditions

Shipped at -78°C

#### Storage Conditions

Store at -150°C to -196°C

### CHO-NECTIN4 / CHO-NECTIN4 / HLA

#### Sterility

CHO-NECTIN4 cells are tested for sterility using PCR. The results are as follows: CHO-NECTIN4 cells are sterile.