

**CHO-B7H3 CHO-B7H3 | 305417**

**CHO-B7H3**

**Description**

CHO-B7H3 is a CHO cell line derived from CHO cells (ATCC CCL-214) expressing the B7-H3 (CD276) protein. The cells are grown in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. The B7-H3 protein is expressed on the cell surface and is used for immunization and antibody production.

**Organism** *CHO*

**Tissue** CHO

**Disease** B7-H3 (CD276)

**Applications** ADCC/CDC, B7-H3

**CHO-B7H3**

**Age** CHO

**Gender** CHO

**Morphology** CHO

**Cell type** CHO

**Growth properties** CHO

**CHO-B7H3**

**Citation** CHO-B7H3 (ATCC CCL-214) 305417

**Biosafety level** 1

**NCBI\_TaxID** 10029

**CellosaurusAccession** CVCL\_A8V5

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**GMO Status** S1:

**Receptors expressed** B7H3 (CD276)

**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

**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 rapidly 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 10 ml of pre-warmed medium.
3. Seed the cells into a T75 flask containing 37 ml of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified atmosphere of 5% CO<sub>2</sub>. The cells should reach 70% confluency within 7-10 days.
5. Once the cells reach 70% confluency, they can be passaged into a new T75 flask.
6. For long-term storage, harvest the cells and freeze them in liquid nitrogen.
7. Thaw the cells in a 37°C water bath and seed them into a new flask.
8. The cells should reach 70% confluency within 7-10 days.

Incubation Atmosphere

37°C, 5% CO<sub>2</sub>

Flask Coating

Yes

Freezing Procedure

Harvest cells and freeze in liquid nitrogen. Storage temperature: -196°C.

Shipping Conditions

Cells should be shipped on dry ice at -78°C.

Storage Conditions

Cells should be stored at -150°C to -196°C.

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Sterility

Cells are provided as a suspension in a sterile medium. PCR testing is available upon request.