

CHO-B7H3 | 305417

CHO-B7H3

Description	CHO-B7H3 is a cell line derived from CHO cells (Chinese hamster ovary cells) expressing B7-H3 (CD276). It is a highly proliferative, immortalized cell line that is widely used in research and development of vaccines and biologics. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10% horse serum (HS). The cells are typically grown in 25 cm² flasks and are passaged every 2-3 weeks. The cells are highly sensitive to trypsin and are easily transfected.
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Organism	CHO
Tissue	CHO
Disease	CHO cells are used in research and development of vaccines and biologics. They are highly sensitive to trypsin and are easily transfected.
Applications	CHO cells are used in research and development of vaccines and biologics. They are highly sensitive to trypsin and are easily transfected.

CHO-B7H3

Age	CHO
Gender	CHO
Morphology	CHO
Cell type	CHO
Growth properties	CHO

CHO-B7H3

Citation	CHO-B7H3 (CHO cells) Cytion 305417
Biosafety level	1
NCBI_TaxID	10029
CellosaurusAccession	CVCL_A8V5

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Thawing and
Culturing Cells

1. Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a T25 flask containing 10-15 ml of pre-warmed medium. Incubate at 37°C, 5% CO₂.
3. Once the cells have adhered, replace the medium with fresh pre-warmed medium.
4. After 24 hours, check the cell density. If the density is low, add more cells.
5. When the cells reach confluence, passage them into a larger flask.
6. For long-term storage, freeze the cells in a freezing medium and store at -80°C.
7. Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
8. Seed the cells into a T25 flask containing 10-15 ml of pre-warmed medium. Incubate at 37°C, 5% CO₂.

Incubation
Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Not required

Freezing
Procedure

Cells are frozen in a freezing medium and stored at -80°C.

Shipping
Conditions

Cells are shipped in a freezing medium and stored at -80°C.

Storage
Conditions

Cells are stored in a freezing medium at -80°C for up to 12 months.

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Sterility

Cells are supplied as a frozen stock and are sterile. They are not tested for mycoplasma contamination.