

# CHO-STEAP1 | 305983

## Key features

**Description**

CHO-STEAP1 is a CHO cell line expressing STEAP1. The cells are adapted for growth in serum-free conditions and are suitable for the production of recombinant antibodies. The cells are characterized by high cell density and high productivity.

CHO-STEAP1 cells are a CHO cell line (CHO) that has been adapted to grow in serum-free conditions. The cells are characterized by high cell density and high productivity. The cells are suitable for the production of recombinant antibodies.

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**Organism** CHO

**Tissue** CHO

**Disease** STEAP1

**Applications** CHO-STEAP1 cells are suitable for the production of recombinant antibodies (ADC).

## Characteristics

**Age** CHO

**Gender** CHO

**Morphology** CHO

**Cell type** CHO

**Growth properties** CHO

## References

**Citation** CHO-STEAP1 (CHO) Cytion: 305983

**Biosafety level** 1

**NCBI\_TaxID** 10029

Product sheet

**CHO-STEAP1 | 305983**

**CellosaurusAccession** CVCL\_A8X2

**GMO Status** GMO-S1: CHO CHO STEAP1

**Receptors expressed** STEAP1

**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 10 ml of medium.
3. Seed the cells into a T75 flask containing 70% of the medium.
4. Incubate the cells at 37°C in a humidified atmosphere of 5% CO<sub>2</sub>.
5. After 24 hours, check the cell density. If the density is <math>1 \times 10^6</math> cells/ml, passage the cells.
6. For passage, centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 10 ml of medium.
7. Seed the cells into a T75 flask containing 70% of the medium.
8. Incubate the cells at 37°C in a humidified atmosphere of 5% CO<sub>2</sub>.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Shipping Conditions** Store at -150°C to -196°C. Ship on dry ice.

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**CHO-STEAP1 / CHO-STEAP1 / HLA**

**Sterility** The cells are free of mycoplasmas and other contaminants. (PCR) tested.