

CHO-IL2RA | 305980

CHO-IL2RA

Description

CHO-IL2RA is a CHO cell line expressing the human IL2RA (CD25) protein. The cells are grown in DMEM supplemented with 10% FBS and 10% HEPES. The cells are maintained in a humidified atmosphere of 5% CO2 at 37°C. The cells are used for the production of recombinant IL2RA protein.

Organism CHO

Tissue CHO

Disease IL2RA (CD25)

Applications CHO-IL2RA

CHO-IL2RA

Age CHO

Gender CHO

Morphology CHO

Cell type CHO

Growth properties CHO

CHO-IL2RA

Citation CHO-IL2RA (CHO) Cytion: 305980

Biosafety level 1

NCBI_TaxID 10029

Product sheet

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CellosaurusAccession CVCL_A8W8

GMO Status GMO-S1: CHO CHO IL2RA

Surface antigens IL2RA (CD25)

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 2×10^5 /

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 immediately in a 37°C water bath. Transfer the cells to a pre-warmed complete medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 1 ml of complete medium.
3. Seed the cells into a 25 cm² flask containing 10 ml of complete medium.
4. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
5. Harvest the cells by trypsinization. Seed 15 x 10⁶ cells into 8 wells of a 96-well plate.
6. Incubate the cells at 37°C in 5% CO₂ for 3 days. Harvest the cells into a 1.5 ml microcentrifuge tube.
7. Wash the cells with PBS. Resuspend the cells in 100 µl of PBS.
8. Count the cells using a hemacytometer.

Shipping Conditions

Store at -150°C to -196°C in liquid nitrogen.

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Sterility

The cells are tested for sterility using PCR. The results are provided in the Certificate of Analysis (COA).