

CHO-CD36 | 305979

CHO-CD36

Description

CHO-CD36 is a CHO cell line expressing the CD36 protein. The cells are grown in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. The CD36 protein is expressed on the cell surface and is used for the study of its function in various biological processes.

CHO-CD36 cells are derived from CHO cells (CHO) and express the CD36 protein. The cells are grown in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. The CD36 protein is expressed on the cell surface and is used for the study of its function in various biological processes.

Organism CHO

Tissue CHO

Disease CD36

Applications CHO-CD36 cells are used for the study of CD36 protein function in various biological processes.

CHO-CD36

Age CHO

Gender CHO

Morphology CHO

Cell type CHO

Growth properties CHO

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Citation CHO-CD36 (CHO) Cytion: 305979

Biosafety level 1

NCBI_TaxID 10029

Product sheet

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CellosaurusAccession CVCL_8848

GMO Status GMO-S1: CHO CHO CD36

Receptors expressed CD36

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 cells rapidly 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 complete medium.
3. Seed the cells into a T75 flask at a density of 37,000 cells per flask.
4. Incubate the cells in a humidified atmosphere of 5% CO₂ at 37°C. The medium should be replaced every 70%.
5. Once the cells reach confluence, they can be used for experiments.
6. For passaging, trypsinize the cells and seed them into a 300 x 3 cm² flask.
7. The cells should be passaged every 10 days.
8. The cells should be maintained in a humidified atmosphere of 5% CO₂ at 37°C.

Incubation Atmosphere 37°C, 5% CO₂

Shipping Conditions Cells should be shipped on dry ice at -150°C to -196°C.

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

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Sterility The cells are free of mycoplasmas and other contaminants. The cells are tested for mycoplasmas using PCR.