

CHO-CD36 | 305979

CHO-CD36

Description

CHO-CD36 is a CHO cell line expressing the CD36 protein. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin, transferrin, and selenium (ITS). The cells are maintained in a humidified atmosphere of 5% CO₂ at 37°C. The cells are typically used for the study of CD36 function and regulation.

CHO-CD36 cells are derived from CHO cells (CHO) expressing the CD36 protein. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin, transferrin, and selenium (ITS). The cells are maintained in a humidified atmosphere of 5% CO₂ at 37°C. The cells are typically used for the study of CD36 function and regulation.

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Organism CHO

Tissue CHO

CHO-CD36

Age CHO

Gender CHO

Morphology CHO

Cell type CHO

CHO-CD36

Citation CHO-CD36 (CHO) Cytion: 305979

Biosafety level 1

NCBI_TaxID 10029

CellosaurusAccession CVCL_8848

CHO-CD36

Receptors expressed CD36

CHO-CD36 | 305979

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Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 µg/ml Insulin (1:1000) 2.5 µg/ml Hydrocortisone 15 µg/ml Transferrin (1:1000) (1:1000) (1:1000) CHO A (InSCREENeX InSCREENeX INS-ME-1039)

Supplements 5% FBS (G418-Sulfat) 0.5 µg/ml

Dissociation Reagent Trypsin-EDTA

Subculturing 1:2 to 1:3

Fluid renewal 2-3 times per week

Post-Thaw Recovery 1:2 to 1:3 in T25 flasks

Freeze medium (5% FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Wash cells with PBS.
4. Resuspend cells in 70% DMEM.
5. Seed cells into T25 flasks.
6. Seed 300,000 cells into 3 T25 flasks.
7. Seed 10,000 cells into 10 T25 flasks.
8. Seed 100,000 cells into 10 T25 flasks.

Product sheet

CHO-CD36 | 305979

Incubation Atmosphere 37 °C, 5% CO₂, humidified

Shipping Conditions Dry ice, -78 °C

Storage Conditions -150 °C to -196 °C

HLA

Sterility Sterile, PCR-ready