

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 cells are maintained at 37°C in 5% CO₂. The CD36 protein is expressed on the cell surface and is used for the study of its function in lipid metabolism and atherosclerosis.

CHO-CD36 cells are derived from CHO cells (CHO) expressing the CD36 protein. The cells are grown in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. The cells are maintained at 37°C in 5% CO₂. The CD36 protein is expressed on the cell surface and is used for the study of its function in lipid metabolism and atherosclerosis.

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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

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Receptors expressed CD36

CHO-CD36 | 305979

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Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 µg/ml Insulin, 2.5 µg/ml Transferrin, 15 µg/ml Selenium (1:1:1) (100x) (100x) CHO A (InSCREENeX InSCREENeX INS-ME-1039)

Supplements 5% FBS, G418-Sulfat (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 a 25 cm² flask.
 6. Seed 300 x 10³ cells.
 7. Seed cells in 10% DMEM.
 8. Seed cells in 10% DMEM.

Product sheet

CHO-CD36 | 305979

Incubation Atmosphere 37 °C, 5% CO₂, humidified

Shipping Conditions Store at -150 °C to -196 °C. Shipping at -78 °C.

Storage Conditions Store at -150 °C to -196 °C.

CHO-CD36 / CHO-CD36 / HLA

Sterility Sterility tested by PCR