

CHO-CTLA4 | 305414

CHO-CTLA4

Description

CHO-CTLA4 is a CHO cell line expressing the human CTLA-4 protein. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS). The cells are typically used for the production of antibodies against CTLA-4.

CHO-CTLA4 cells are derived from CHO cells (Chinese hamster ovary cells) and express the human CTLA-4 protein. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS). The cells are typically used for the production of antibodies against CTLA-4.

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Organism

CHO

Tissue

CHO

Disease

CHO

Applications

CHO

CHO-CTLA4

Age

CHO

Gender

CHO

Morphology

CHO

Cell type

CHO

Growth properties

CHO

CHO-CTLA4

Citation

CHO-CTLA4 (Cytion 305414)

Biosafety level

1

NCBI_TaxID

10029

CellosaurusAccession

CVCL_A8V8

Product sheet

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GMO Status GMO-S1: CHO cells expressing CTLA-4 protein

Receptors expressed CTLA4 (CD152)

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM β -mercaptoethanol, w: 820400a)
CHO Growth Medium A (InSCREENeX; InSCREENeX INS-ME-1039)

Supplements 5% FBS. Geneticin (G418-Sulfat) 0.5 mg/ml

Dissociation Reagent EDTA

Doubling time 14-16 days

Subculturing Cells are grown in 25 cm² flasks in DMEM:Ham's F12 (1:1) supplemented with 5% FBS and 0.5 mg/ml Geneticin. Cells are harvested by trypsinization and resuspended in PBS. Cells are seeded at a density of 2-3 x 10⁵ cells per flask.

Split ratio 1:5

Seeding density 2 x 10⁵ x 4 x 10⁵ cells per flask

Fluid renewal 2-3 times per week

Post-Thaw Recovery Cells are thawed in a water bath at 37°C and seeded into 25 cm² flasks in DMEM:Ham's F12 (1:1) supplemented with 5% FBS and 0.5 mg/ml Geneticin. Cells are harvested by trypsinization and resuspended in PBS. Cells are seeded at a density of 2-3 x 10⁵ cells per flask.

Freeze medium DMEM:Ham's F12 (1:1) supplemented with 5% FBS and 10% DMSO

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**Thawing and
Culturing Cells**

1. 将冻存管放入 37°C 水浴中快速解冻，然后将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中。
2. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养 24 小时。
3. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养 24 小时。
4. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养 24 小时。
5. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养 24 小时。
6. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养 24 小时。
7. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养 24 小时。
8. 将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养 24 小时。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养 24 小时。

**Shipping
Conditions**

将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养 24 小时。

**Storage
Conditions**

将细胞悬液转移到含有 10 mL 完全培养基的 T25 培养瓶中，并在 37°C、5% CO₂ 下培养 24 小时。

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Sterility

本产品经过严格的无菌处理，符合 GMP 标准。本产品不含任何抗生素、血清或其他添加剂。本产品适用于体外实验。