

Product sheet

CHO-CTLA4 | 305414

CHO-CTLA4

Description

CHO-CTLA4 is a CHO cell line expressing the CTLA4 protein. The cells are derived from CHO (Chinese hamster ovary) cells and are stably transfected with the CTLA4 gene. The cells are used for the production of recombinant CTLA4 protein. The cells are characterized by high growth rates and high protein yields. The cells are also characterized by their ability to express a wide range of proteins. The cells are used for the production of various proteins, including antibodies, enzymes, and hormones. The cells are also used for the study of protein expression and function.

CHO-CTLA4 cells are derived from CHO (Chinese hamster ovary) cells (ATCC CCL-214) and are stably transfected with the CTLA4 gene. The cells are characterized by high growth rates and high protein yields. The cells are also characterized by their ability to express a wide range of proteins. The cells are used for the production of various proteins, including antibodies, enzymes, and hormones. The cells are also used for the study of protein expression and function.

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Organism CHO

Tissue CHO

CHO-CTLA4

Age CHO

Gender CHO

Morphology CHO

Growth properties CHO

CHO-CTLA4

Citation CHO-CTLA4 (ATCC CCL-214) Cytion 305414

Biosafety level 1

NCBI_TaxID 10029

GMO Status GMO-S1: CHO cells expressing CTLA4 protein

CHO-CTLA4

Receptors expressed CTLA4 (CD152)

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Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 2.5 mM L- $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 15 mM HEPES, w: 0.5 mM $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$, w: 820400a)

CHO Growth Medium A (InSCREENeX; InSCREENeX INS-ME-1039)

Supplements Geneticin (G418-Sulfat) 0.5 mg/ml

Dissociation Reagent EDTA

Subculturing 2-3 passages

Fluid renewal 2-3 times

Post-Thaw Recovery 1:2 to 1:3

Freeze medium FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Wash cells in PBS.
 3. Seed cells into a 24-well plate.
 4. Add 70% medium.
 5. Incubate cells for 15 days.
 6. Harvest cells at 300 x g.
 7. Wash cells in PBS.
 8. Store cells at -150°C.

