

HEK293-CTLA4 | 305423

HEK293-CTLA4

Description

HEK293-CTLA4 is a HEK293 cell line expressing CTLA4. The cells are grown in DMEM supplemented with 10% FBS. The cells are used for the production of CTLA4 protein.

HEK293-CTLA4 HEK293 CTLA4

CTLA4

Organism

HEK293

Tissue

HEK293

Disease

HEK293/CTLA4; HEK293 (HEK293)

Applications

HEK293-CTLA4; CTLA4 (ipilimumab, tremelimumab);

HEK293

Age

HEK293

Gender

HEK293

Morphology

HEK293

Cell type

HEK293

Growth properties

HEK293, HEK293

HEK293-CTLA4

Citation

HEK293-CTLA4 (HEK293-CTLA4 Cytion 305423)

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_6G20

Product sheet

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GMO Status GMO-S1: HEK293 CTLA-4

Receptors expressed CTLA4 (152)

Culture Medium RPMI 1640, w: 2.0 mM , w: 2.0 / NaHCO₃ (Cytion 820700a)

Supplements FBS 10%, 1 , HEPES 10 , NEAA 1%

Dissociation Reagent -

Doubling time 24-36

Subculturing : PBS

Split ratio 1 : 5

Seeding density 2 $\times 10^4$ /

Fluid renewal 2 $\times 3$

Post-Thaw Recovery 1:2 1:3 T25

Freeze medium (FBS) + 10% DMSO

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Thawing and
Culturing Cells

1. Thaw cells rapidly at 37°C.
2. Centrifuge at 300 x g for 3 min.
3. Resuspend cells in 15 ml of complete medium.
4. Seed cells into a 70% confluent well.
5. Incubate cells for 15 days.
6. Harvest cells.
7. Store cells at -150 °C.
8. Thaw cells at 37°C.

Incubation
Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

None

Freezing
Procedure

Freeze cells in 1 ml of freezing medium.

Shipping
Conditions

Ship cells at -150 °C.

Storage
Conditions

Store cells at -150 °C to -196 °C.

Sterility

Cells are tested for sterility by PCR and are found to be free of contamination.