

# CHO-uPAR | 305978

## CHO-uPAR

**Description**

CHO-uPAR is a CHO cell line expressing the uPAR (PLAUR/CD87) protein. The cells are derived from CHO-K1 cells and are stably transfected with a uPAR cDNA construct. The cells are grown in DMEM supplemented with 10% fetal bovine serum (FBS) and 100 µg/ml penicillin, 100 µg/ml streptomycin, and 100 µg/ml neomycin. The cells are typically used for the study of uPAR function and for the production of uPAR protein.

**Organism** CHO

**Tissue** CHO

**Disease** uPAR (PLAUR/CD87)

**Applications** CHO-uPAR cells are used for the study of uPAR function and for the production of uPAR protein.

## CHO-uPAR

**Age** CHO

**Gender** CHO

**Morphology** CHO

**Cell type** CHO

**Growth properties** CHO

## CHO-uPAR

**Citation** CHO-UPAR (Cytion: 305978)

**Biosafety level** 1

**NCBI\_TaxID** 10029

**CellosaurusAccession** CVCL\_A8X4

Product sheet

**CHO-uPAR | 305978**

**GMO Status** GMO-S1: CHO PLAUR/uPAR

**Surface antigens** uPAR (PLAUR/CD87)

**Receptors expressed** TACD2 (TROP2 GA733-1)

**Culture Medium** DMEM: DMEM:Ham's F12 (1:1) 3.1 2.5 15  
CHO A (InSCREENeX InSCREENeX INS-ME-1039)

**Supplements** 5 FBS (G418-Sulfat) 0.5

**Dissociation Reagent**

**Doubling time** 14-16

**Subculturing**

**Split ratio** 1 5

**Seeding density**  $2 \times 10^5$  cells/cm<sup>2</sup>

**Fluid renewal** 2 3

**Post-Thaw Recovery** 1:2 1:3 T25

**Freeze medium** (FBS) + 10% DMSO

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**Thawing and Culturing Cells**

1. Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in pre-warmed medium.
3. Seed the cells into a T75 flask containing 37 mL of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified atmosphere with 70% relative humidity.
5. Once the cells reach confluence, they can be used for experiments.
6. For passaging, trypsinize the cells and seed them into a new flask.
7. The cells should be passaged every 10 days to maintain optimal growth.
8. The cells should be stored in liquid nitrogen for long-term storage.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, 70% relative humidity

**Shipping Conditions** Cells are shipped in a dry ice container at -78°C.

**Storage Conditions** Cells should be stored at -150°C to -196°C in liquid nitrogen.

**CHO-uPAR / CHO-uPAR / HLA**

**Sterility** The cells are free of mycoplasmas and other contaminants. PCR testing is performed to ensure sterility.