

# CHO-TACD2 | 305415

## General information

**Description**

CHO-TACD2 (CHO (Tropomyosin Receptor Kinase 2)) is a CHO cell line expressing TACD2 (Tropomyosin Receptor Kinase 2) and CXCR7 (CXCR7) receptor. The cells are maintained in DMEM/F12 medium supplemented with 10% FBS and 10% HEPES. The cells are grown in the presence of 100 ng/ml insulin, 10 ng/ml transferrin, and 10 ng/ml selenium.

**Organism** CHO

**Tissue** CHO

## Characteristics

**Age** 1-2

**Gender** Male

**Morphology** Adherent

**Growth properties** Adherent

## Identification

**Citation** CHO-TACD2 (CHO TROP2) Cytion 305415

**Biosafety level** 1

**NCBI\_TaxID** 10029

**GMO Status** GMO-S1: CHO TROP2 TACD2

## Receptors expressed

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

# CHO-TACD2 | 305415

## CHO-TACD2

**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**

5% FBS. 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 15-24 hours.
6. Harvest cells by centrifugation at 300 x g for 3 minutes.
7. Resuspend cells in 10 ml of medium.
8. Seed cells into a 96-well plate.

Product sheet

CHO-TACD2 | 305415

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>,  $\alpha$ -MEM

**Flask Coating** CellTreat, CellTreat

**Freezing Procedure** Harvest cells into 15 ml centrifuge tubes, centrifuge at 300 x g for 5 min. Resuspend in freezing medium (10% FBS, 90% MEM) and freeze at -78°C.

**Shipping Conditions** Ship at -78°C.

**Storage Conditions** Store at -150 °C for up to 196 days.

HLA

**Sterility** Sterility testing: PCR