

Product sheet

HEK293-TACD2 | 305424

HEK293-TACD2

Description

HEK293-TACD2 is a HEK293 cell line stably expressing TACD2. HEK293-TACD2 cells are derived from HEK293 cells and express TACD2 protein. HEK293-TACD2 cells are used for the production of recombinant proteins and for the study of TACD2 function.

Organism HEK293

Tissue HEK293

HEK293-TACD2

Age HEK293

Gender HEK293

Morphology HEK293

Growth properties HEK293

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Citation HEK293-TACD2 (HEK293 cells expressing TACD2) 305424

Biosafety level 1

NCBI_TaxID 9606

GMO Status GMO-S1: HEK293 cells expressing TACD2 protein

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Receptors expressed TACD2 (TROP2 GA733-1)

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Culture Medium RPMI 1640 2.0 2.0 NaHCO₃ (820700a)

Supplements 10% FBS 1% HEPES 1% NEAA. (G418)

Dissociation Reagent Trypsin-EDTA

Subculturing 1:2 to 1:10

Split ratio A ratio of 1:2 is recommended for the initial split after thawing. A ratio of 1:5 to 1:10 is recommended for routine culture.

Fluid renewal 2-3 times per week

Post-Thaw Recovery 1:2 to 1:3 in T25 flasks 24h

Freeze medium 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Wash cells in PBS.
 4. Resuspend cells in 10% FBS medium.
 5. Seed cells into a T25 flask.
 6. Incubate cells in a 37°C incubator with 5% CO₂.
 7. Monitor cell growth and confluency.
 8. Perform subculturing when cells reach 70-80% confluency.

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**Incubation
Atmosphere**

37 C $5\% \text{ CO}_2$ $95\% \text{ air}$

Flask Coating

Non-adherent, low protein adsorption

**Freezing
Procedure**

Cells are frozen in $10\% \text{ FBS}$ / $90\% \text{ FCS}$ in 1 mL aliquots in 1.8 mL cryovials. Storage temperature: -80 C

**Shipping
Conditions**

Cells are shipped in $10\% \text{ FBS}$ / $90\% \text{ FCS}$ in 1 mL aliquots in 1.8 mL cryovials. Storage temperature: -80 C

**Storage
Conditions**

Cells are stored in $10\% \text{ FBS}$ / $90\% \text{ FCS}$ in 1 mL aliquots in 1.8 mL cryovials. Storage temperature: -150 C to -196 C

HEK293-TACD2 / HEK293-TACD2 / HLA

Sterility

Cells are tested for mycoplasma contamination using PCR. Cells are tested for mycoplasma contamination using PCR. Cells are tested for mycoplasma contamination using PCR.