

HEK293-FOLR1 | 305425

HEK293-FOLR1

**Description**

HEK293-FOLR1: HEK293 cells expressing FOLR1. HEK293 cells are a widely used cell line for protein production. FOLR1 is a type I transmembrane protein with a large extracellular domain. HEK293-FOLR1 cells are used for the production of FOLR1 protein. The cells are grown in DMEM supplemented with 10% FBS. The FOLR1 protein is secreted into the culture medium. The protein is purified by ion exchange chromatography and size exclusion chromatography. The purified protein is stored in a storage buffer at 4°C.

**Organism** HEK293

**Tissue** HEK293

HEK293-FOLR1

**Age** HEK293

**Gender** HEK293

**Morphology** HEK293

**Growth properties** HEK293, HEK293

HEK293-FOLR1

**Citation** HEK293-FOLR1 (HEK293 FOLR1 Cytion 305425)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**GMO Status** GMO-S1: HEK293 cells expressing FOLR1

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**Receptors expressed** FOLR1 (FOLR1 (FR&alpha); FBP)

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## HEK293

**Culture Medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a)

**Supplements** 10% FBS, 1 mM  $\beta$ -mercaptoethanol, 10 mM HEPES, 1% NEAA. Geneticin (G418-Sulfat) 1 mg/ml

**Dissociation Reagent** Trypsin-EDTA

**Subculturing** Seed cells into fresh medium. Wash cells with PBS. Add 2-3 ml of medium to each well.

**Fluid renewal** 2-3 times per week

**Post-Thaw Recovery** Seed cells into fresh medium. Wash cells with PBS. Add 2-3 ml of medium to each well.

**Freeze medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a), 10% FBS + 10% DMSO

## Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath.
2. Wash cells with PBS.
3. Seed cells into fresh medium.
4. Wash cells with PBS.
5. Seed cells into fresh medium.
6. Wash cells with PBS.
7. Seed cells into fresh medium.
8. Wash cells with PBS.

