

HEK293-VEGFR2 | 305990

HEK293-VEGFR2

Description

HEK293-VEGFR2 is a HEK293 cell line stably expressing human VEGFR2. The cells are grown in DMEM supplemented with 10% FBS. The VEGFR2 expression is confirmed by Western blot analysis. The cells are used for studying VEGFR2 signaling and its role in angiogenesis.

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Organism Human

Tissue HEK293

Disease HEK293/VEGFR2 (HEK293)

Applications HEK293-VEGFR2 (HEK293-VEGFR2) is used for studying VEGFR2 signaling and its role in angiogenesis. ADCC/CDC

Synonyms HEK293/VEGFR2

HEK293-VEGFR2

Age HEK293

Gender HEK293

Morphology HEK293 HEK293

Cell type HEK293 HEK293

Growth properties HEK293 HEK293 HEK293

HEK293-VEGFR2 HEK293-VEGFR2

Citation HEK293-VEGFR2 (HEK293-VEGFR2) Cytion: 305990

Biosafety level 1

Product sheet

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NCBI_TaxID 9606

CellosaurusAccession CVCL_D7C3

GMO Status GMO-S1: HEK293 VEGFR2 (KDR/FLK-1)

Receptors expressed VEGFR2

Culture Medium RPMI 1640 2.0 2.0 NaHCO3 (820700a)

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

Dissociation Reagent

Doubling time 24-36

Subculturing

Split ratio 1 5

Seeding density 2 4

Fluid renewal 2 3

Post-Thaw Recovery

Freeze medium

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Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a 25 cm² flask containing 50 mL of medium. Incubate at 37°C in 5% CO₂.
3. Once cells reach 70-80% confluence, passage them into a new flask.
4. For passage, trypsinize the cells and resuspend in 10 mL of medium. Seed into a 25 cm² flask.
5. Repeat the process until cells are established in a new flask.
6. For long-term storage, trypsinize cells and resuspend in 1 mL of freezing medium. Seed into a 25 cm² flask.
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8. For long-term storage, trypsinize cells and resuspend in 1 mL of freezing medium. Seed into a 25 cm² flask.

Incubation Atmosphere

37°C, 5% CO₂

Shipping Conditions

Shipped at -150°C to -196°C

Storage Conditions

Store at -150°C to -196°C

HEK293-VEGFR2 / HEK293-VEGFR2 / HLA

Sterility

Cells are tested for sterility using PCR. No contamination detected.