

Product sheet

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 cells are used for various applications including cell-based assays, protein production, and drug screening.

HEK293-VEGFR2 cells are derived from HEK293 cells (HEK293) which are a derivative of HEK293 cells. The cells are stably expressing VEGFR2. The cells are used for various applications including cell-based assays, protein production, and drug screening.

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**Organism** Human

**Tissue** HEK293

**Synonyms** HEK293/VEGFR2

HEK293-VEGFR2

**Age** HEK293

**Gender** HEK293

**Morphology** HEK293

**Growth properties** HEK293, HEK293

HEK293-VEGFR2

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

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_D7C3

HEK293-VEGFR2



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## Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath, and transfer the cells to a pre-warmed T25 flask containing 5 ml of complete DMEM medium.
2. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency. The cells should be ready for passage after 2-3 days.
3. Seed the cells into a 96-well plate at a density of 100,000 cells per well in 100 µl of complete DMEM medium.
4. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70% confluency.
5. Harvest the cells by trypsinization and centrifugation at 300 x g for 3 minutes. Resuspend the cells in 15 µl of complete DMEM medium.
6. Seed the cells into a 96-well plate at a density of 100,000 cells per well in 100 µl of complete DMEM medium.
7. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70-80% confluency. The cells should be ready for passage after 2-3 days.
8. Harvest the cells by trypsinization and centrifugation at 300 x g for 3 minutes. Resuspend the cells in 15 µl of complete DMEM medium.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

**Shipping Conditions** Store at -80°C

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

## HEK293-VEGFR2 / HEK293-VEGFR2 / HLA

**Sterility** The cells are tested for mycoplasma contamination using PCR. The cells are free of mycoplasma contamination.