

Human Angiotensin II Receptor Type 1 (AGTR-1, AT1R) Cell Line

CATALOG NUMBER: CL-AT1R-001

Description

This HEK293-hAT1R stable cell line expresses a recombinant human AT1R (Human Angiotensin II Receptor Type 1).

Parental Cells

HEK-293

Gene/Enzyme Introduced

- Genbank Locus ID 185; NCBI protein database NP_000676.1
- Other name(s): AGTR-1, AT1R, Human Angiotensin II Receptor Type 1

Application

Calcium influx assay for Gq-coupled human Angiotensin II Receptor Type 1 (AGTR-1, AT1R). HEK293 cells without transfected AT1R are used as a negative control.

Functional Tests

- This cell line has been tested positive for AT1R specific response
- Surviving rate: More than 2.5 million/vial on the second day after thawing

Mycoplasma Contamination Test

This cell line has been tested negative for *Mycoplasma sp.*

Content

Stable hAT1R cells: 1 mL (2 x 10⁶ cells/mL in DMEM, 10% FBS, 10% DMSO)

Growth Properties

Adherent

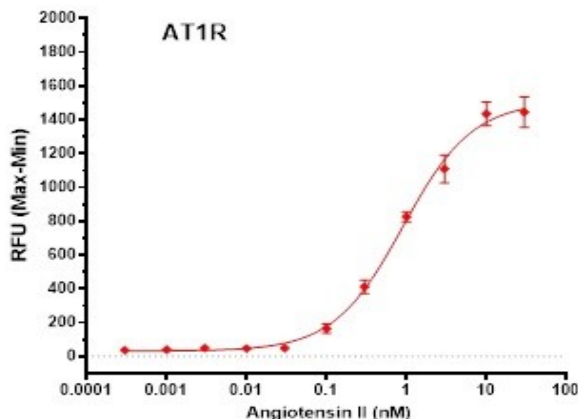
Cell Culture Medium

- Growth medium: 90% DMEM, 10% FBS and 1 ug/ml puromycin
- Freezing medium: 10% DMSO, 90% growth medium

Storage

Remove the frozen cells from the dry ice packaging and immediately place the cells at a temperature below -130°C, preferably in liquid nitrogen vapor, until ready for use.

Data Example



Restriction

This cell line is not allowed to be transferred to other laboratory or other company. For purchasing this cell line, please contact eEnzyme LLC at info@eEnzyme.com, Telephone: +1 (240) 683 5851, FAX: +1 (240) 683 5852

