

Product data sheet

Human TMPRSS2 Knockout HEK293T cell line

Catalog Number: 293TKO-19579

Storage: Liquid nitrogen

Components: One vial of gene knockout cells (1×10^6 cells) and one vial of control parental cells (1×10^6)

Product description

Engineered clonal HEK293T cells with TMPRSS2 gene knockout, sequence confirmed.

Cell line description

Parental cell line: HEK293T

Genotype: TMPRSS2^{-/-}

Organism: Homo sapiens (human)

Tissue: kidney; Embryo

Morphology: epithelial

Culture Properties: Adherent

Biosafety Level: 2

Medium

1. Complete culture medium: DMEM, 10% fetal bovine serum (FBS)
2. Freeze medium: FBS with 6% DMSO

Culture procedure

Thawing of frozen cells

1. Thaw the frozen cryovial by gentle agitation in a 37 °C water bath in 1-2 minutes.
2. Remove the cryovial from the water bath as soon as the contents are thawed, and decontaminate by wiping with 70% ethanol.
3. Transfer the thawed cell suspension to a centrifuge tube containing 10 ml of Complete culture medium, centrifuge at 500 g for 5 minutes.
4. Remove the medium by aspiration, resuspend the cells with 10 ml of the Complete culture medium by gently pipetting up and down.
5. Transfer the cells to a 10 cm cell culture dish.
6. Place the cells in a 37°C incubator with 5% CO₂.

