

Product sheet

HK-CRISPR-mEGFP-Seh1 | 300669

Product ID

Description HK-CRISPR-mEGFP-Seh1 CRISPR/Cas9, Seh1. Seh1 mEGFP

Organism HeLa

Tissue HeLa

Disease CRISPR/Cas9

Subject

Age 30

Gender Male

Ethnicity European

Morphology Male

Growth properties HeLa

References

Citation HK-CRISPR-mEGFP-Seh1 (Cytion 300669)

Biosafety level 1

NCBI_TaxID 9606

Depositor Cytion (EMBL)

GMO Status GMO-S1: HeLa Kyoto CRISPR knock-in mEGFP Seh1, CRISPR/Cas9

Additional information

HEK293T-HK-CRISPR-mEGFP-Seh1 | 300669

Protein expression Seh1, mEGFP-tag

HEK293T

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM sodium pyruvate (all from Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Seed cells into T25 flasks in DMEM + 10% FBS. Once cells reach 70-80% confluency, dissociate with trypsin and seed into 3 T75 flasks.

Freeze medium DMEM + 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw vials in a 37°C water bath. Transfer cells to a pre-warmed T25 flask containing 10 ml DMEM + 10% FBS.
2. Allow cells to recover in DMEM + 10% FBS for 24 hours. Then, replace the medium with DMEM + 10% FBS.
3. Once cells reach 70-80% confluency, dissociate with trypsin and seed into 3 T75 flasks.
4. Seed cells into T75 flasks in DMEM + 10% FBS. Once cells reach 70% confluency, dissociate with trypsin.
5. Seed cells into 15 T25 flasks in DMEM + 10% FBS.
6. Seed cells into 30 T25 flasks in DMEM + 10% FBS.
7. Seed cells into 10 T25 flasks in DMEM + 10% FBS.
8. Seed cells into 10 T25 flasks in DMEM + 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

