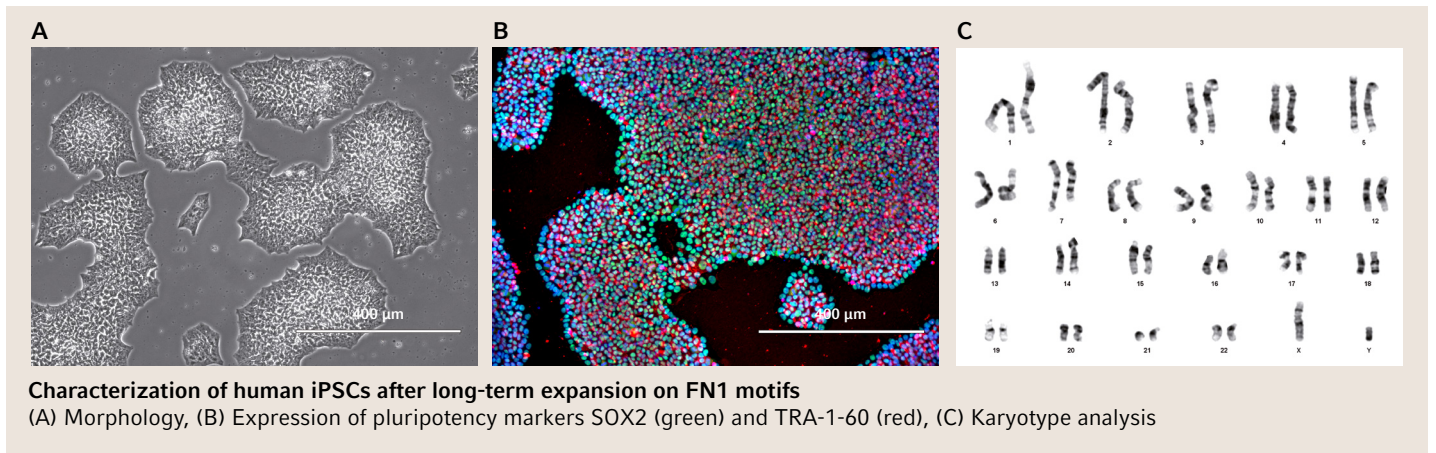


# Cell Type: hiPSC

## Performance of Eppendorf CCCadvanced® FN1 motifs surface

### Background

The cultivation of human induced pluripotent stem cells (hiPSCs) is a highly challenging procedure. The ultimate goal during the cultivation of hiPSCs is the preservation of their pluripotency. The maintenance of undifferentiated hiPSCs requires a stable and consistent culture system. The ready-to-use CCCadvanced® FN1 motifs cultureware and the Eppendorf CellXpert® C170i CO<sub>2</sub> incubator provide a reliable culture environment for these delicate to grow cells.



### Conclusion

Human iPSC cells grown on the FN1 motifs surface display a homogenous morphology with flat and shiny colonies and well-defined colony borders. The cells continue to express high levels of pluripotency markers after long-term expansion.

Karyotype analysis confirms their genomic stability in a xeno-free culture system. Functional pluripotency is confirmed by *in-vitro* trilineage differentiation assay.

**Are you looking for detailed information on iPSC culture on the FN1 motifs surface?**

#### Application Note No. 389:

Ready-to-use Eppendorf CCCadvanced FN1 motifs surface for xeno-free expansion of human pluripotent stem cells.



[www.eppendorf.com/appnote389](http://www.eppendorf.com/appnote389)

## Eppendorf products for your stem cell research

### Ordering information

Description	Order no. international	Order no. North America
<b>CCCadvanced® FN1 motifs Cell Culture Plates, 6-well with lid</b> , flat bottom, sterile, free of detectable pyrogens, RNase and DNase, DNA. Non-cytotoxic. 5 plates, individually wrapped	0038 110.010	0038110010
<b>CCCadvanced® FN1 motifs Cell Culture Plates, 24-well with lid</b> , flat bottom, sterile, free of detectable pyrogens, RNase and DNase, DNA. Non-cytotoxic. 5 plates, individually wrapped	0038 110.030	0038110030
<b>CCCadvanced® FN1 motifs Cell Culture Flasks T-175</b> with filter cap, sterile, free of detectable pyrogens, RNase and DNase, DNA. Non-cytotoxic. 5 flasks, individually wrapped	0038 120.030	0038120030
<b>CCCadvanced® FN1 motifs Cell Culture Flasks, T-75</b> with filter cap, sterile, free of detectable pyrogens, RNase and DNase, DNA. Non-cytotoxic. 5 flasks, individually wrapped	0038 120.020	0038120020



Are you looking for a new CO<sub>2</sub> incubator for your precious stem cell culture?

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