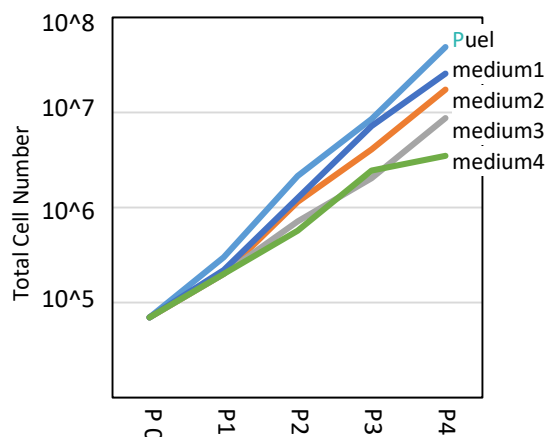




Key features

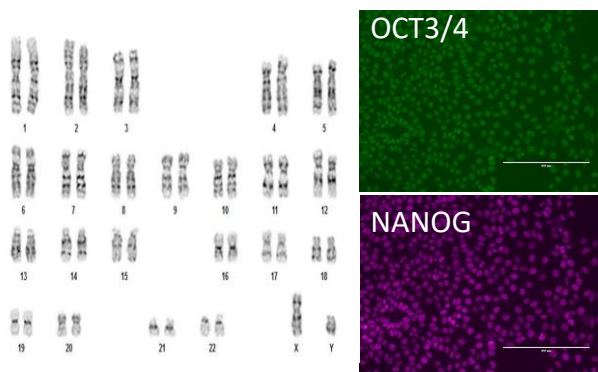
- Developed by iPSC expert manufacturers
- High cell survival rate and genomic stability
- Compatible for low density iPSC culture
- Suitable for 2D/3D, feeder-free/feeder cultures
- GMP-compatible composition for smooth transition from research to clinical manufacturing
- GMP-grade version and FDA DMF coming soon

Feature 1: High cell survival and growth rate



High growth and survival rates are maintained even in feeder-free culture. Low density cell culture (2x10³/6well) is also possible, suitable for cell thawing and cell cloning after gene editing.

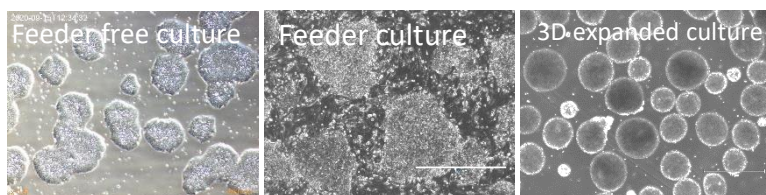
Feature 2: Maintain high genomic stability and pluripotency



Normal karyotype was maintained after 50 passages (n = 6 lines). Pluripotent marker expression was also comparably high.

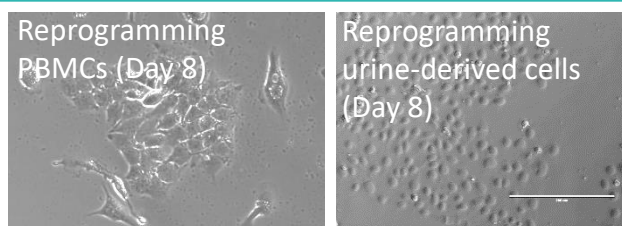
Feature 3:

2D feeder free, 2D feeder culture, 3D floating culture



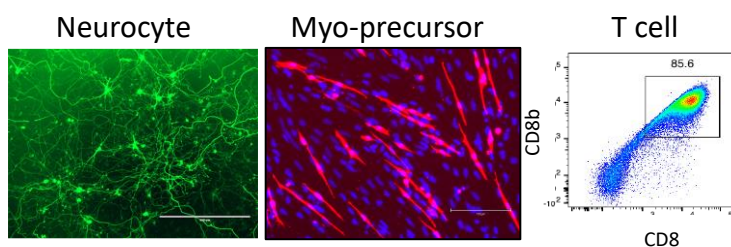
Cells efficiently proliferate in 2D feeder-free and 2D feeder culture. Also suitable for large scale expansion in 3D suspension culture.

Feature 4: High efficiency iPSC induction



Fibroblasts, peripheral mononuclear cells, urine-derived cells are efficiently reprogrammed into iPSCs when cultured in Puel. Other iPSC culture media have low reprogramming efficiency.

Feature 5: Maintain high differentiation potential



Puel can effectively maintain pluripotency. After long-term culture in Puel, iPSCs can differentiate into neurons, myo-precursor cells, cardiomyocytes, hematopoietic cells, NK cells, T cells and epidermal cells.