

Harness the power of the StemRNA 3rd Gen Reprogramming Technology



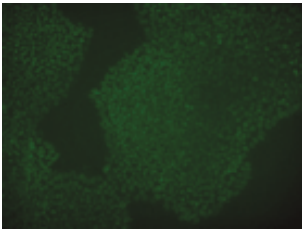
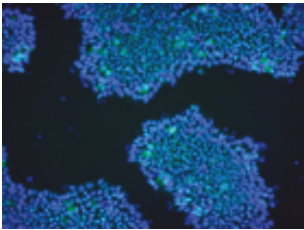
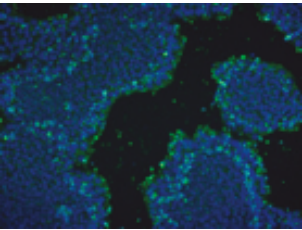
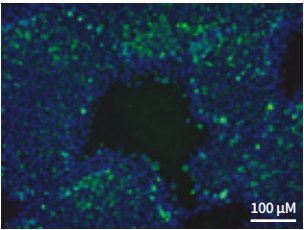
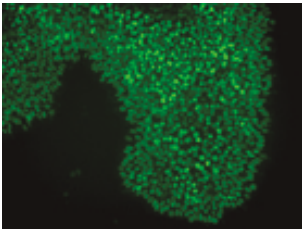
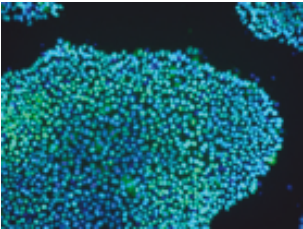
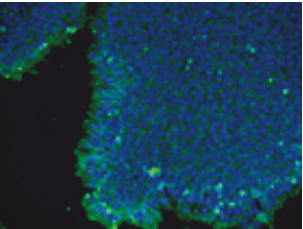
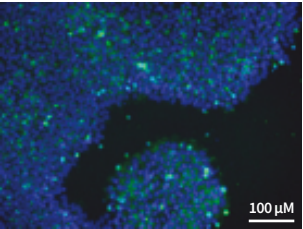
StemRNA Human induced pluripotent stem cells (iPSCs) provide immediate access to the state-of-the-art Stemgent® StemRNA 3rd Gen Reprogramming technology. These cells are ideal for validating the StemRNA 3rd Gen Technology with control cells prior to investing in reprogramming to develop patient-derived cell lines.

Benefits include:

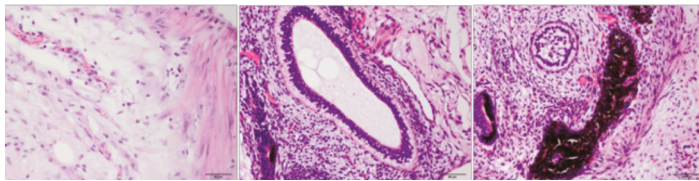
- **Ready for use in experiments such as differentiation**
 - Reprogrammed using the state of the art StemRNA 3rd Gen Reprogramming Technology
 - No retention or integration of reprogramming vectors
 - Immunologically (ICC) and functionally (teratoma formation) pluripotent
 - Normal karyotype
- **Significant time savings**
 - Saves 2-4 months or more compared to reprogramming your own iPSCs
- **Easy access to iPSCs for start-up labs**
 - No specialized reprogramming knowledge required
 - Grows in standard stem cell media and support matrices



StemRNA human iPSCs grown *in vitro* stain positive for standard pluripotency markers

Strain ID	Nanog	Oct 3/4 + DAPI	SSEA-4 + DAPI	TRA-1-60 + DAPI
RPChiPS802 3G1				
RPChiPS771 3G1				

StemRNA human iPSCs differentiate *in vivo* into all three germ layers



Gut connective tissue (mesoderm)

Gut epithelium (endoderm)

Epidermis and hair follicle (ectoderm)

StemRNA human iPSCs exhibit expected karyotype



StemRNA hiPSC lines available

Cat. No.	Strain ID	Donor Race	Donor Sex	Donor Age	Donor Clinical Status	Reprogramming Technology	Tissue Source
RCRP004N	RPChiPS8023G1	Hispanic	Female	30	Healthy	StemRNA 3 rd Gen	Blood (EPCs)
RCRP005N	RPChiPS7713G1	Caucasian	Male	32	Healthy	StemRNA 3 rd Gen	Blood (EPCs)
RCRP006N	RPChiPSSK0011	Asian-Indian	Male	56	Healthy	StemRNA 3 rd Gen	Skin (Fibroblasts)
RCRP007N	RPChiPSSK0042	Asian-Indian	Male	65	Healthy	StemRNA 3 rd Gen	Skin (Fibroblasts)
RCRP008N	RPChiPSSK0021	Asian-Indian	Female	58	Healthy	StemRNA 3 rd Gen	Skin (Fibroblasts)
RCRP009N	RPChiPSBL003	Asian-Indian	Female	20	Healthy	StemRNA 3 rd Gen	Blood (EPCs)
RCRP010N	RPChiPSSK0053	Caucasian	Male	56	Healthy	StemRNA 3 rd Gen	Skin (Fibroblasts)
RCRP011N	RPChiPSSK0032	Asian-Indian	Female	20	Healthy	StemRNA 3 rd Gen	Skin (Fibroblasts)
RCRP012N	RPChiPSSK006	Filipino	Male	30	Healthy	StemRNA 3 rd Gen	Skin (Fibroblasts)
RCRP031N	RPChiPSSK014	Asian	Male	46	Healthy	StemRNA 3 rd Gen	Skin (Fibroblasts)
RCRP032N	RPChiPSSK012	African-American	Male	22	Healthy	StemRNA 3 rd Gen	Skin (Fibroblasts)
RCRP036N	RPChiPSSK013	Caucasian	Male	24	Healthy	StemRNA 3 rd Gen	Skin (Fibroblasts)
RCRP037P	RPChiPSSK015	Caucasian	Male	58	Parkinson's Disease	StemRNA 3 rd Gen	Skin (Fibroblasts)

Related products

Product Name	Cat. No.	Quantity
NutriStem® XF hPSC Culture Medium (Sartorius)	01-0005	500 mL
	01-0005-100	100 mL
iMatrix-511 Recombinant Human Laminin-511 (Matrixome)	NP892-011	2 × 175 µL
	NP892-012	6 × 175 µL
StemRNA™ 3 rd Gen Reprogramming Kit	00-0076	1 kit

Can't find what you want?

If these cells don't meet your needs, REPROCELL can create custom iPSCs specifically for your project. Service options include:

- Custom collection of starting tissue / target cells to meet your donor criteria
- Expansion, banking, characterization
- Reprogramming using our StemRNA 3rd Gen Reprogramming technology
- Differentiation if needed

Please contact your sales rep or info-us@reprocell.com to find more.