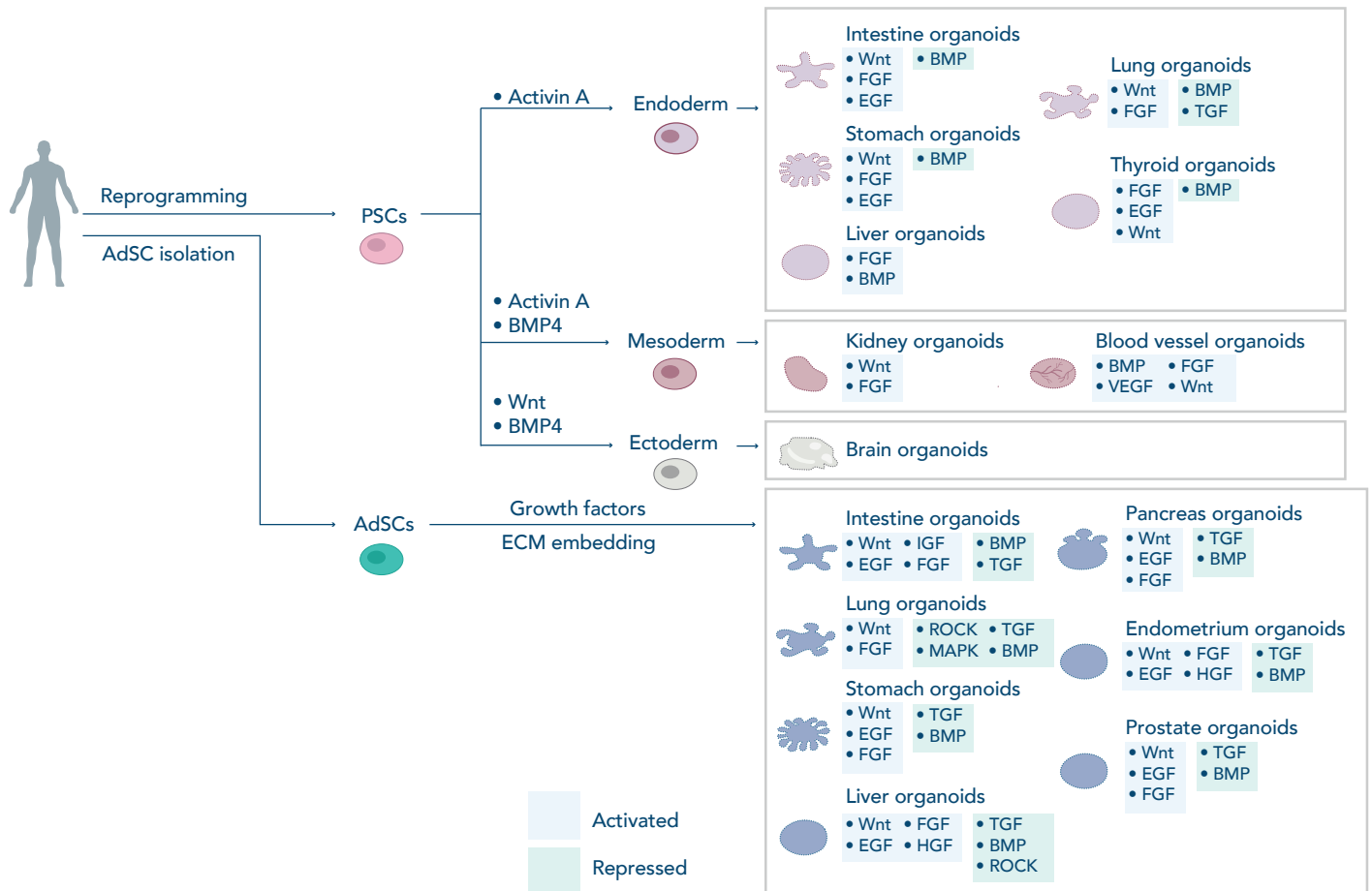


Everything you need for quality organoid research



Organoid	Growth Factor(s) Required for Differentiation
Intestine	EGF, Noggin, R-Spondin, Wnt3a
Stomach	EGF, FGF-10, Noggin, R-Spondin, Wnt3a
Liver	EGF, FGF-10, HGF, R-Spondin, Wnt3a
Lung	FGF-4, Noggin, Wnt3a
Kidney	FGF-9, Wnt3a
Pancreas	EGF, FGF-10, Noggin, R-Spondin
Prostate	EGF, Noggin



Current Organoid Growth Factors Available as RUO and GMP



SKU	Product	Activity (Ec50)	Purity	GMP-Available?
HZ-1138	Activin A	0.5-3.5 ng/mL	>95%	✓
HZ-1045	BMP-4	1.5-9 ng/mL	>95%	✓
HZ-1326	EGF	On Request	>95%	✓
HZ-1285	FGF basic-TS	0.05-0.4 ng/mL	>95%	✓
HZ-1218	FGF-4	<1.25 ng/mL	>95%	✓
HZ-1084	HGF	<20 ng/mL	>95%	✓
HZ-1118	Noggin	3-15 ng/mL	>95%	✓
HZ-1296	Wnt3a	2-17 ng/mL	>90%	✓

Coming Soon to **humankine**[®]

Growth Factor	Potential Organoid Application
FGF-9	Kidney
FGF-10	Stomach, Liver, Pancreas
R-Spondin	Intestine, Stomach, Liver, Pancreas

