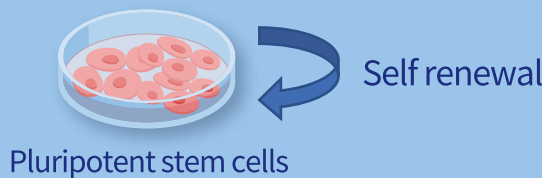
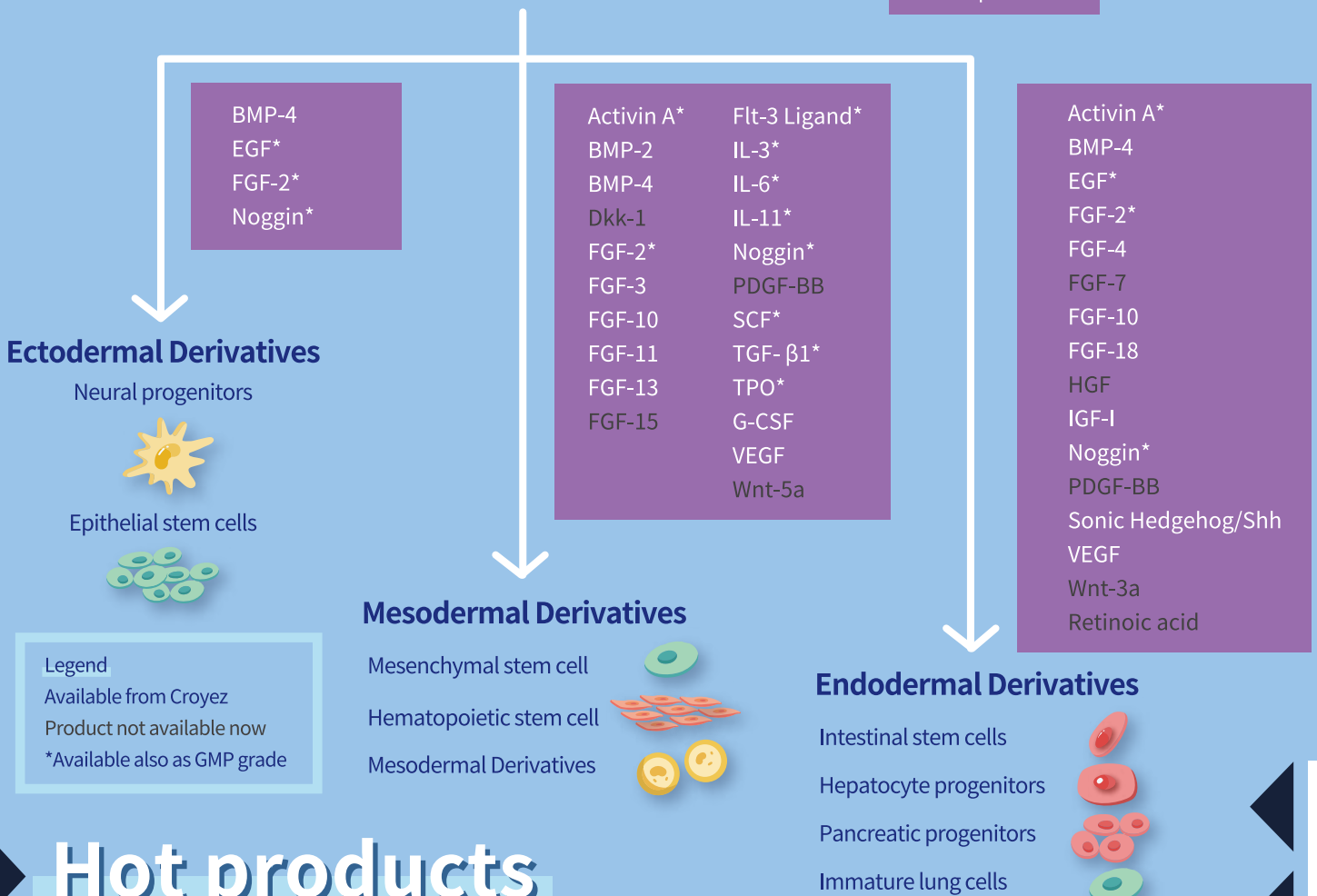


Materials for iPSC differentiation

PSCs are pluripotent stem cells that can divide indefinitely and differentiate into cells of all three germ layers. Because of these two characteristics, PSCs become attractive sources for cell treatments for various diseases and injuries.



- Activin A*
- BMP-4
- FGF-2*
- LIF
- TGF-β1*



Legend
 Available from Croyez
 Product not available now
 *Available also as GMP grade

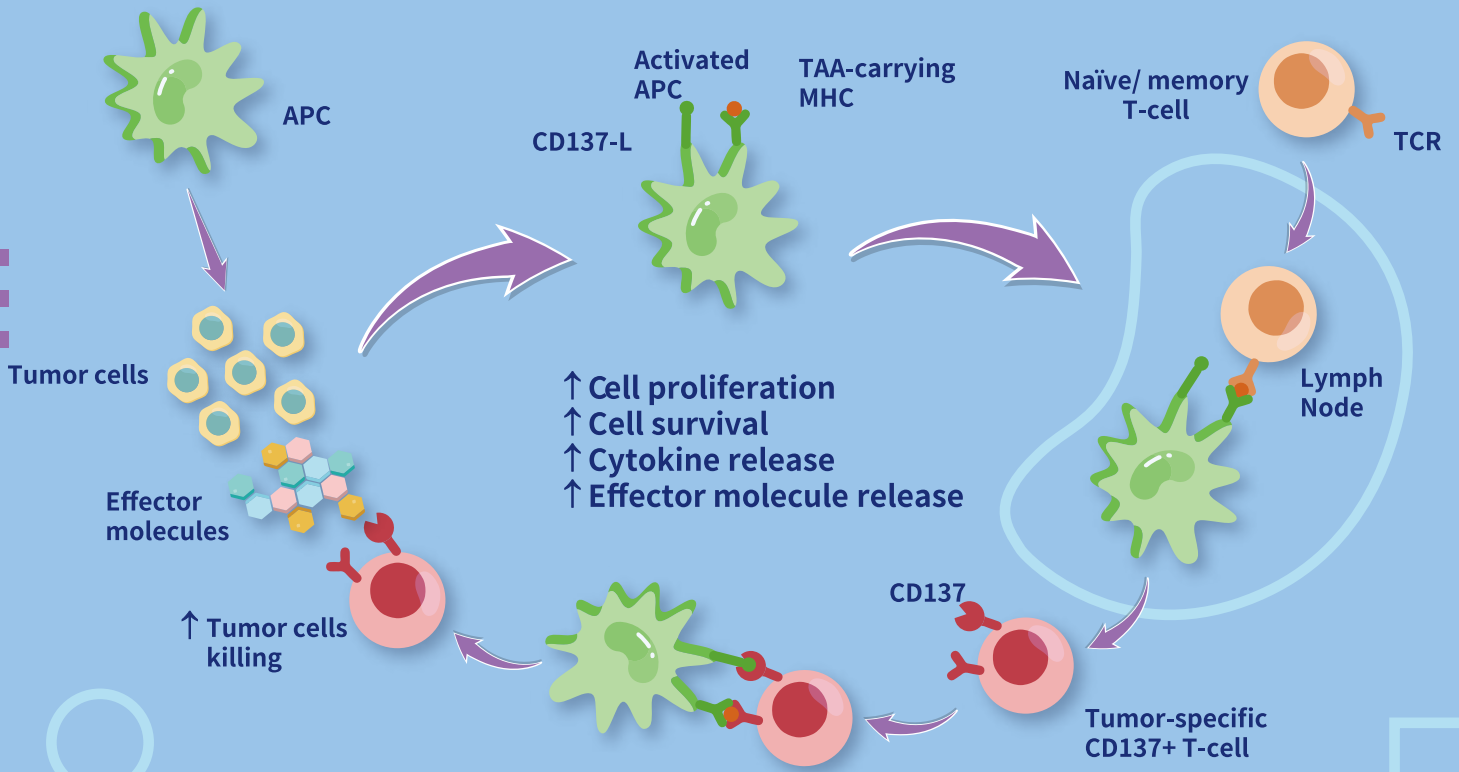
Hot products

- Cytokine**
- IL-1 beta
 - IL-2
 - IL-4
 - IL-6
 - IL-7
 - IL-12p70
 - IL-15
 - IL-17A
 - IL-21
 - TNF-alpha
 - IFN-gamma
 - RANK Ligand

- Growth factor**
- GM-CSF
 - M-CSF
 - TGF beta 1
 - EGF
 - BMP-4
 - FGF-10
 - FGF-basic (FGF2)

What role does 4-1BB ligand play in the immune system as a checkpoint protein?

4-1BB and 4-1BBL interact to transmit costimulatory signals to a range of T cells, which can be exploited to find cancer treatment. Anti-tumor immunity requires the activation of CD8+ T cells. The interaction of 4-1BB and 4-1BBL could also induce the CD4+, CD8+ T cell, and NK cells activation.



► Inflammatory

IL-1 α IL-36 γ
 IL-1 β IL-36RA
 IL-6 IL-38
 IL-13 TNF α
 IL-15 RANKL
 IL-17A IFN α 1a
 IL-21 IFN β 1a
 IL-31 IFN γ
 IL-33 BAFF
 TRAIL

► Immune checkpoint

4-1BBL
 Flt-3 Ligand

► Anti-inflammatory

IL-7
 IL-20
 IL-26
 IL-28A

► Dual action

IL-2
 IL-3
 IL-4
 IL-12 p70

► Others

CHI3L1
 OGG1
 CD326
 Human Irisin

► Chemokine

CXCL9
 CXCL10
 CCL4

► Neuroscience

BDNF
 CNTF
 β -NGF

For more recombinant protein information please contact your distributor or visit Croyez website.