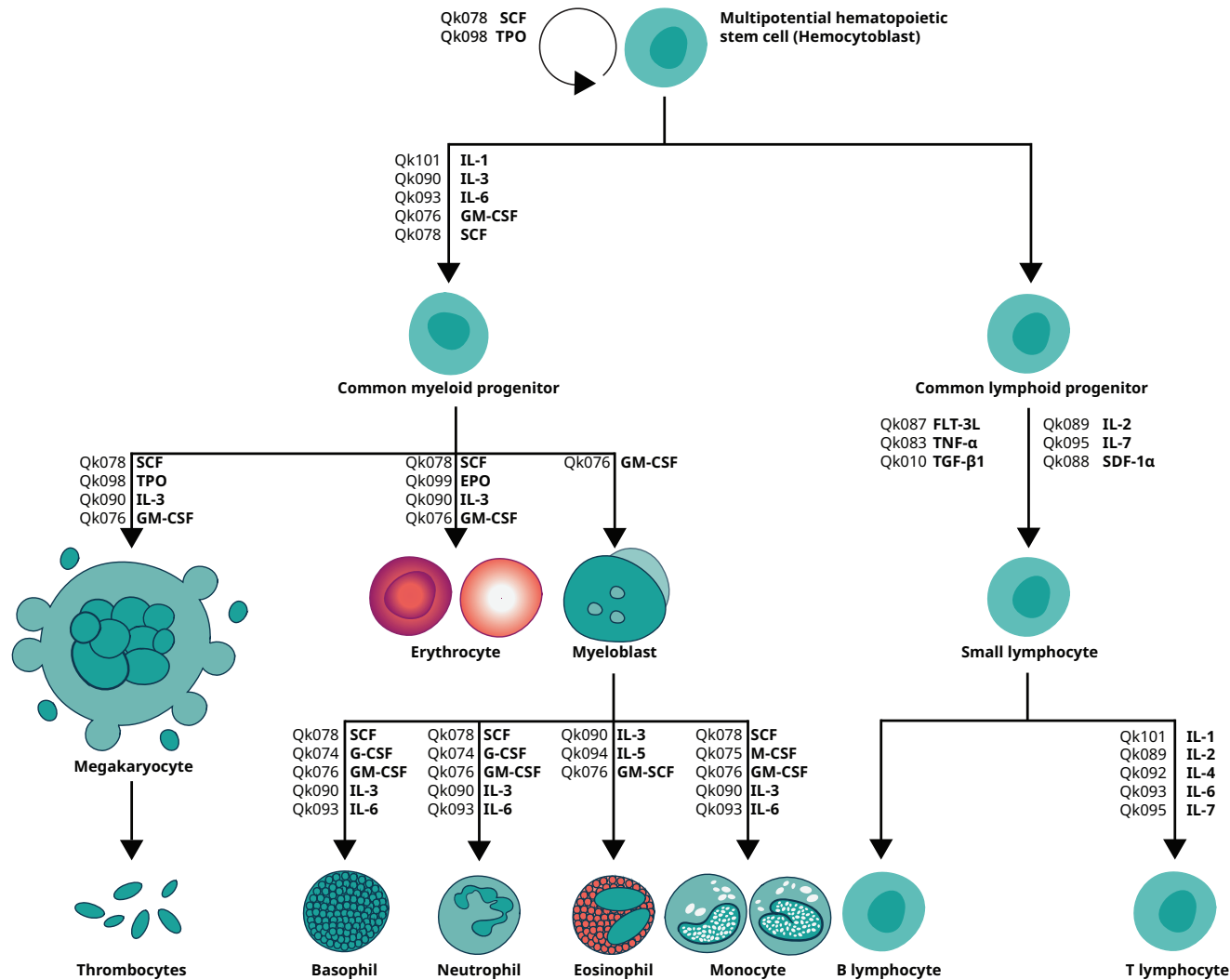


Hematopoietic stem cell maintenance and differentiation

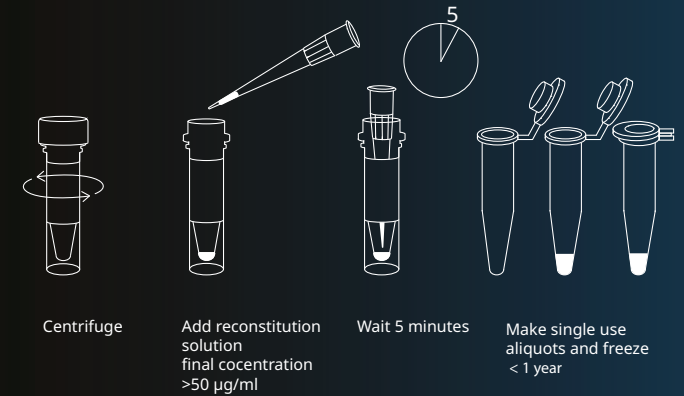
Growth factors required to derive human hematopoietic cell types from hematopoietic stem cells

qkine.com/hematopoietic-stem-cell-research/



Reconstituting lyophilized proteins

Qkine growth factors are lyophilized to maintain biochemical quality, improve stability, and allow shipping at ambient temperatures to enhance sustainability.



Quick calculator

The optimum reconstitution solution for each protein is determined experimentally.

Reconstitute to a concentration of >50-1000 µg/ml, dilute in sterile physiological buffer as required, prepare single-use aliquots and store frozen.

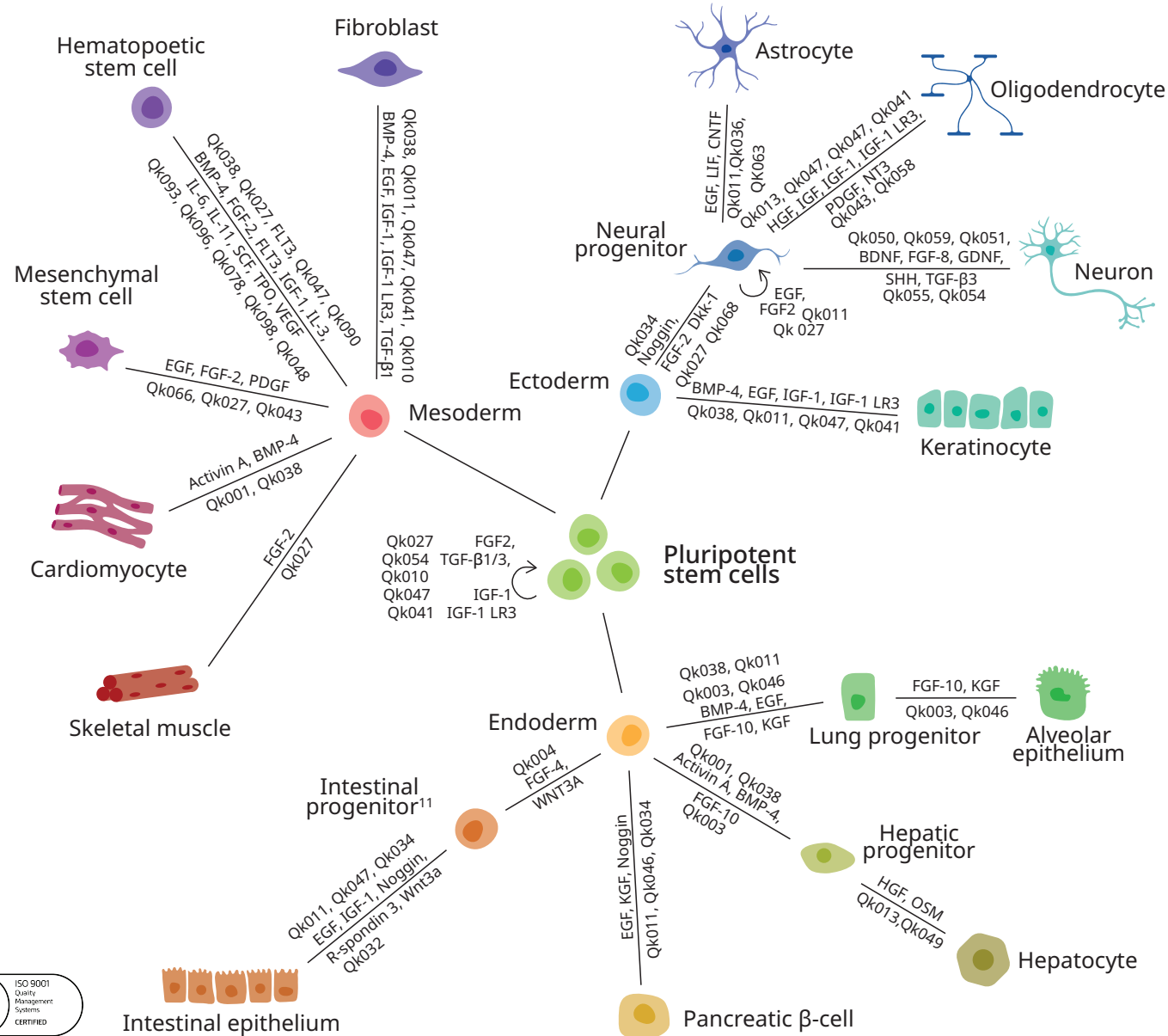
Reconstitution calculator

$$\text{Mass in vial } (\mu\text{g}) \div \text{Desired concentration } (\mu\text{g/ml}) \times 1000 = \text{Volume to add } (\mu\text{l})$$

We're happy to help, please email support@qkine.com, or visit qkine.com/your-proteins

Induced pluripotent stem cell differentiation

Growth factors required for directed differentiation towards specific human cell types from human iPSCs



Raising standards in bioactive protein manufacturing and innovation

Qkine is committed to manufacturing bioactive proteins of the highest quality to enhance scientific outcomes and improve reproducibility.

Our robust animal-free manufacturing platform, along with rigorous quality control procedures, ensures exceptional bioactivity and consistent performance from lot to lot, guaranteeing outstanding performance in your applications. We proactively leverage our expertise in manufacturing and protein engineering to develop unique optimized proteins designed to address fundamental biological, translational and scalability challenges.

Our product portfolio comprises growth factors and cytokines tailored for stem cell and organoid culture, as well as biomarkers and attachment factors. We actively support emerging fields such as cellular agriculture, regenerative medicine, synthetic hydrogels, organ-on-a-chip technology, and bioprinting.

To ensure absolute reproducibility and optimize scientific outcomes, all our products rigorously adhere to the [Nine-point Qkine Quality Commitment](#)

ISO 9001:2015 certified company, products manufactured in Cambridge, UK.