



proteintech®

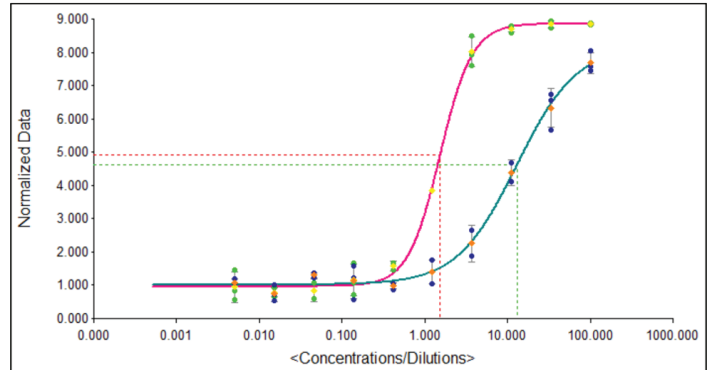
humankine®

Recombinant IL-34 protein

*New benchmark for macrophage
and microglia expansion*

- ~8x more bioactive than competitor IL-34.
- 10x times better macrophage generation efficiency.
- Animal component and Xeno free.
- Gram level scalability.
- cGMP grade available.

▲ Bioactivity comparison of HumanKine IL-34 (cat no. HZ-1316) vs Competitor IL-34

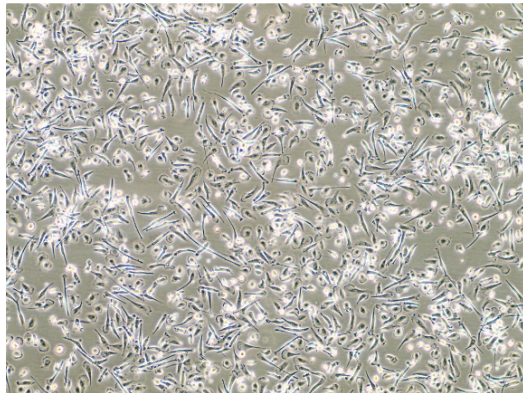


*Learn more about GMP
grade HumanKine growth
factors and cytokine*

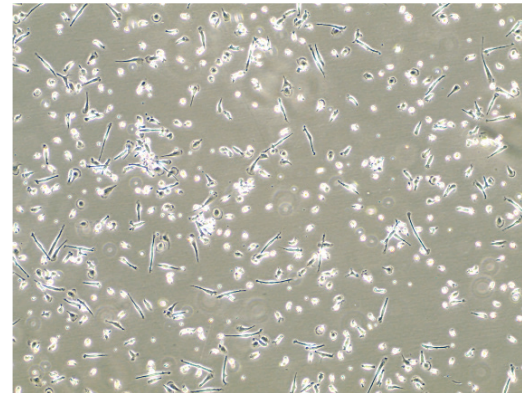
Generation of Human monocyte derived macrophages



HumanKine IL-34



Competitor IL-34



▲ Human macrophages were generated from human PBMC derived monocytes using IL-34. The cells were exposed to IL-34 for 4 days at a concentration of 50ng/mL. HumanKine IL-34 was able to generate macrophages several folds better than the competitor product.

All HumanKine® products in stock and ready to ship!