

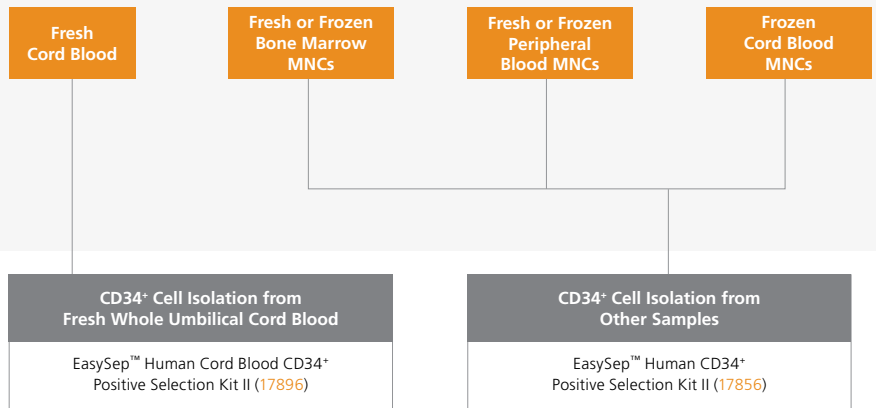
# Hematopoietic Cell Therapy Research

From starting samples to assay reagents, explore our complete portfolio of products\* that support your hematopoietic cell therapy research workflow.

## Source Your Cells

### Why Use STEMCELL's Human Primary Cells?

- CONVENIENT.** Start your experiments on schedule without being restricted by the availability of tissue.
- FLEXIBLE.** Reserve large numbers of cryopreserved cells while you test them in your specific applications.
- EFFICIENT.** Reduce the time spent collecting and culturing primary cells by using isolated cells.



## Isolate Human CD34+ Cells\*\*

## Expand or Differentiate Human CD34+ Cells

### Think Forward to the Clinic

Smooth your path through the regulatory landscape by removing animal-derived components from your primary hematopoietic cell culture conditions.

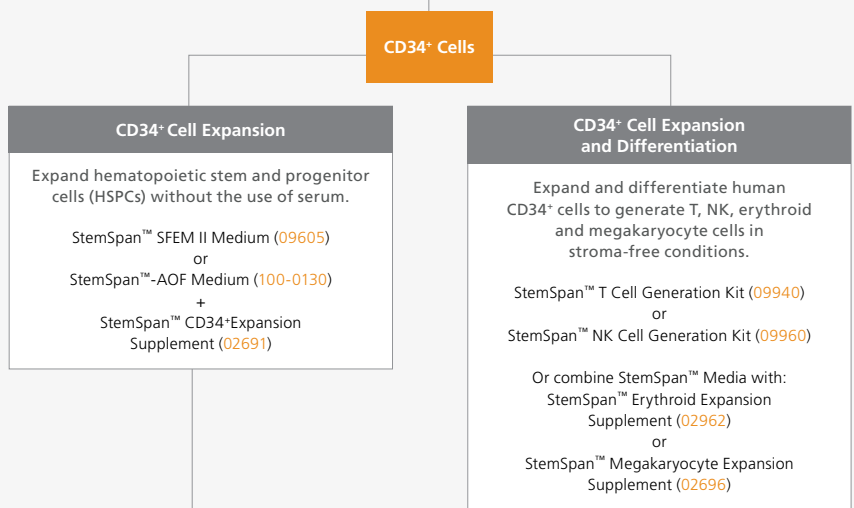
StemSpan™-AOF contains only recombinant proteins and synthetic components and is manufactured and tested following relevant cGMPs under a certified quality management system—meaning it can take you all the way from the lab to the clinic.

### Why Use StemSpan™ Cell Culture Media and Supplements?

**REPRODUCIBLE.** Minimize lot-to-lot variability by using media that consistently provides optimal culture conditions.

**FLEXIBLE.** Customize your StemSpan™ media by adding StemSpan™ Expansion Supplements, individual cytokines, or additives of your choice.

**ROBUST.** Ensure consistency in your experiments by using StemSpan™ media and supplements that are serum-free or animal origin-free.



## Genetically Modify CD34+ Cells

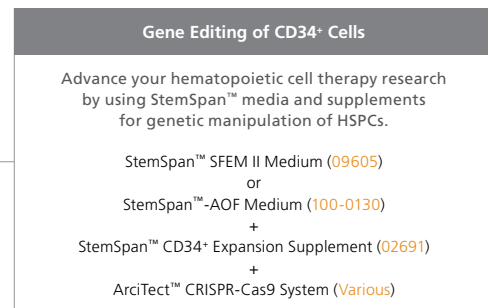
### Why Use ArciTect™?

**EFFICIENT.** Maximize delivery and expression in difficult-to-manipulate cell types by using RNP complexes.

**EASY TO USE.** Simplify genome editing with an integrated guide RNA design tool and cell-type-specific protocols.

**RAPID.** Get to your results faster with ready-to-use purified Cas9 proteins and synthetic guide RNAs.

**PRECISE.** Minimize potential off-target cutting with timely degradation of the RNP complex.



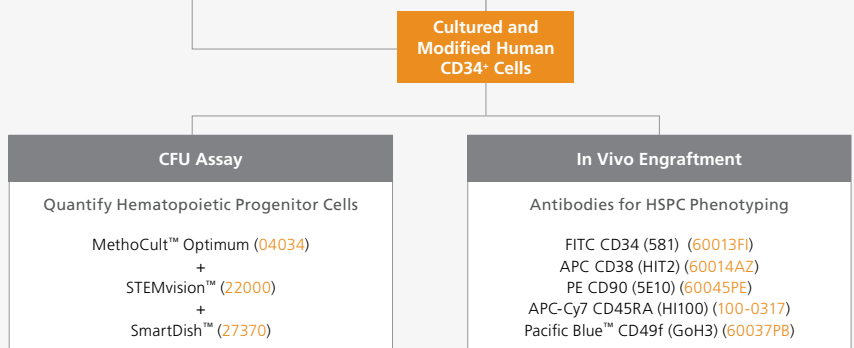
## Analyze CD34+ Cells

## Learn more at [www.stemcell.com](http://www.stemcell.com)

Catalog #s shown in ( )

\*Certain products are only available in select territories. Please contact your sales representative or the Product & Scientific Support team at [techsupport@stemcell.com](mailto:techsupport@stemcell.com) for further information.

\*\*Explore the Human CD34+ Cell Isolation Product Selection infographic for a complete list of recommendations.



Copyright © 2022 by STEMCELL Technologies Inc. All rights reserved including graphics and images. STEMCELL Technologies & Design, STEMCELL Shield Design, Scientists Helping Scientists, EasySep, StemSpan, STEMvision, ArciTect, SmartDish and Methocult are trademarks of STEMCELL Technologies Canada Inc. All other trademarks are the property of their respective holders. While STEMCELL has made all reasonable efforts to ensure that the information provided by STEMCELL and its suppliers is correct, it makes no warranties or representations as to the accuracy or completeness of such information.

PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED. FOR ADDITIONAL INFORMATION ON QUALITY AT STEMCELL, REFER TO [WWW.STEMCELL.COM/COMPLIANCE](http://WWW.STEMCELL.COM/COMPLIANCE).