

DRIVE YOUR PERFORMANCE FORWARD WITH

SOLUBLE DYNACTIVATOR CD3/CD28 PROTOTYPE

Innovate your cell therapy workflow with streamlined T cell activation

T cell activation is a critical step in the manufacturing of T cell therapies. Robust activation of T cells is directly tied to enhanced proliferation, functionality, and longevity of T cells, leading to more effective development of therapeutic drug products.

The Gibco™ Soluble DynActivator™ CD3/CD28 Prototype is a bead-free and soluble activator that can bring enhanced flexibility to process workflows. This soluble activator enables finely tuned activation of T cells independent of isolation steps. Removal of the activator is as simple as performing a cell wash process—offering additional options for workflow optimization.

Benefits of Soluble DynActivator CD3/CD28 Prototype:

- Flexible activation of T cell populations for manufacturing
- Capable of achieving highly robust and viable populations of target T cells
- Soluble format enables bead-free activation
- Can activate up to 1.5 billion T cells from a single vial



Soluble DynActivator CD3/CD28 Prototype offers robust activation of targeted primary T cells

Activation markers displayed by T cells on day 2 following activation with Soluble DynActivator CD3/CD28 Prototype

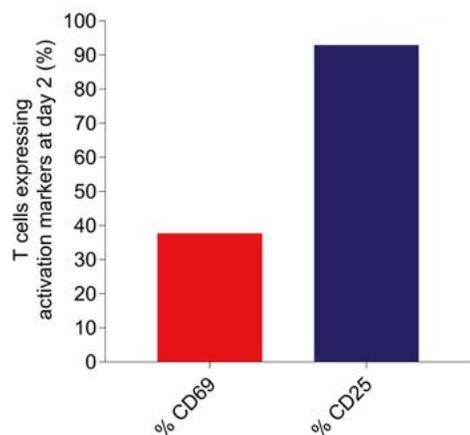


Figure 1. Activation of T cells resulted in high expression of the activation markers CD25 and CD69 by the second day.

Total number of T cells over 9 days of culture following activation with Soluble DynActivator CD3/CD28 Prototype

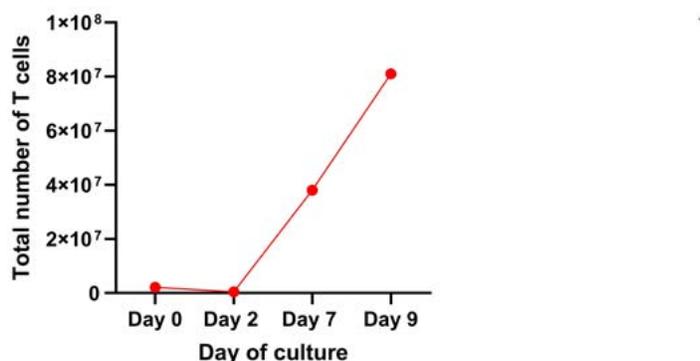


Figure 2. T cells displayed robust growth over 9 days of culture.

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Product information	Description
Product name	Soluble DynActivator CD3/CD28 Prototype
Cat. No.	CAA006
Cell type	Human T cells
Purpose	Activation of human T cells
Mechanism	CD3 and CD28 co-stimulation
GMP-compliant	Yes
Storage	-15°C to -25°C
Vial volume	5.8 mL
Cells to be activated per vial	1.5 × 10 ⁹



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Learn more at thermofisher.com/dynactivator



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