



Blank artificial cell for surface signal presentation

Artificial cells ready for any biotinylated signals



Why use Aim-Core?

Bring your own signals

- ◊ Attach any biotinylated signal of your choice
- ◊ For niche cell types, workflows or even species

Full flexibility, choose your attributes

- ◊ Degradability
 - Transient: Degrades in 7-10 days in culture conditions
 - Persistent: >60 days in culture conditions
- ◊ 3 levels of available avidin on the membrane for different signal densities
 - Low: ~ 4000/ μm^2
 - Medium: ~ 14500/ μm^2
 - High: ~ 44000/ μm^2
- ◊ Low or high membrane fluidity

Catalogue No.

AVI01-0100
AVI02-0100
AVI03-0100
AVI04-0100
AVI05-0100
AVI06-0100
AVI07-0100
AVI08-0100
AVI09-0100
AVI10-0100
AVI11-0100
AVI12-0100

Biomimetic design

- ◊ Fluid lipid membrane mimics natural cells, providing superior signal presentation
- ◊ 100% chemically defined, animal-free formulation
- ◊ Gentler activation for efficiency *and* quality

Example use case - canine T cell activation

