













# EGFR<sub>sc</sub>Fv-GITR-CD3 $\zeta$ CAR T-cells

## CELL CULTURE LINE

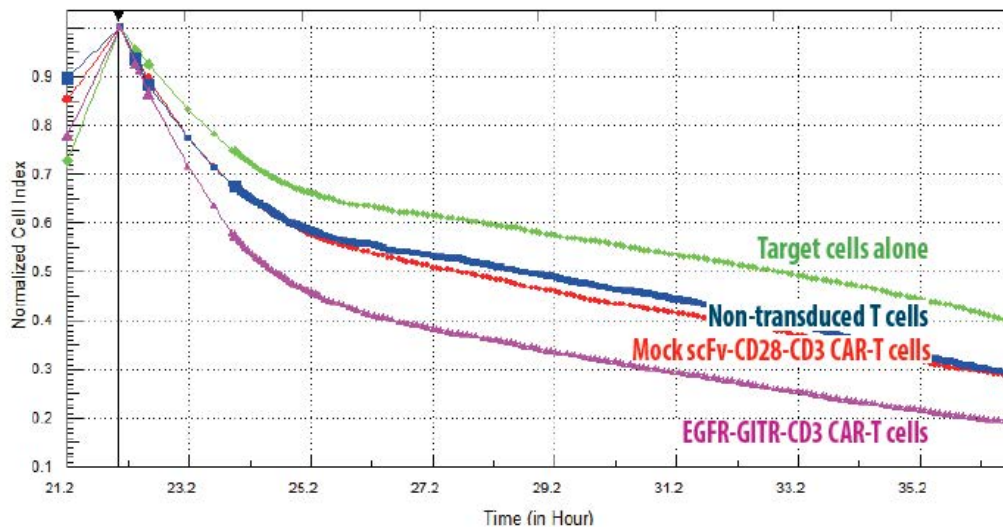
Product Information					
Catalog#	AMS.PM-CAR1023				
Name	EGFR <sub>sc</sub> Fv-GITR-CD3 $\zeta$				
Order Information					
Size	1x10 <sup>6</sup> cells	2x10 <sup>6</sup> cells	1x10 <sup>7</sup> cells	2x10 <sup>8</sup> cells	> 1x10 <sup>9</sup> cells
Concentration	1x10 <sup>6</sup> cells/mL	1x10 <sup>6</sup> cells/mL	1x10 <sup>6</sup> cells/mL	1x10 <sup>6</sup> cells/mL	1x10 <sup>6</sup> cells/mL
Specification					
Category	<b>CAR T-cells</b>				
Storage	<b>Short term -80°C; &gt; 2 months liquid nitrogen -196°C</b>				
Formulation	Frozen down confluent cells in freeze down media				
Uses	Immunotherapy research				
Source	T-cells from a healthy donor transduced by lentivirus				
Description					
<p>The EGFR<sub>sc</sub>Fv-CD28-CD3<math>\zeta</math>, EGFR<sub>sc</sub>Fv-4-1BB-CD3<math>\zeta</math>, and EGFR<sub>sc</sub>Fv-GITR-CD3<math>\zeta</math> with CD3<math>\zeta</math> control CAR-T cells are available at 1x10<sup>7</sup>-1x10<sup>9</sup> cells in frozen vials and shipped on dry-ice. The Control Delta CD3 <math>\zeta</math> CAR-T cells were cryopreserved in the next-generation cryopreservation CS10 CryoStor medium (Sigma Aldrich, Catalog Number: C2874. CryoStor is a registered trademark of BioLife Solutions, Inc.). All our cells are pathogen- and mycoplasma free.</p>					
Physical					
Frozen cell pellet.					

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-  Mouse Monoclonal Antibody
-  Rat Monoclonal Antibody
-  Rabbit Monoclonal Antibody
-  Human Monoclonal Antibody
-  Polyclonal Antibody
-  Antibody Sequencing
-  Hybridoma Sequencing
-  CAR T-cells
-  Lentivirus production
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-  T-cell Expansion beads

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# EGFR<sub>scFv</sub>-GITR-CD3 $\zeta$ CAR T-cells



**Figure 1.** CAR-T cells expressing the above constructs are available from targeting EGFR antigen. ScFv, single chain variable fragment. These CAR-T cells are generated with EGFR-GITR-CD3 zeta construct.



**Figure 2.** RTCA cytotoxicity activity of effector EGFR-GITR-CD3-CAR-T cells against MDA-231 target cells. Effector:Target cells ratio=10:1.

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