








# EGFR<sub>sc</sub>Fv-CD28-CD3 $\zeta$ CAR T-cells

## CELL CULTURE LINE

Product Information					
Catalog#	AMS.PM-CAR1021				
Name	EGFR <sub>sc</sub> Fv-CD28-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
Price	Inquire	Inquire	Inquire	Inquire	Inquire
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.					

### Additional Products and Services:

-  Mouse Monoclonal Antibody
-  Rat Monoclonal Antibody
-  Rabbit Monoclonal Antibody
-  Human Monoclonal Antibody
-  Polyclonal Antibody
-  Antibody Sequencing
-  Hybridoma Sequencing
-  CAR T-cells
-  Lentivirus production
-  Cancer Stem Cells
-  Specialty Cell Culture Media
-  T-cell Expansion beads

**Ask about our full line of CRO services to provide supplemental assistance or the entire support necessary to complete your project on time and with the data you need to move forward.**

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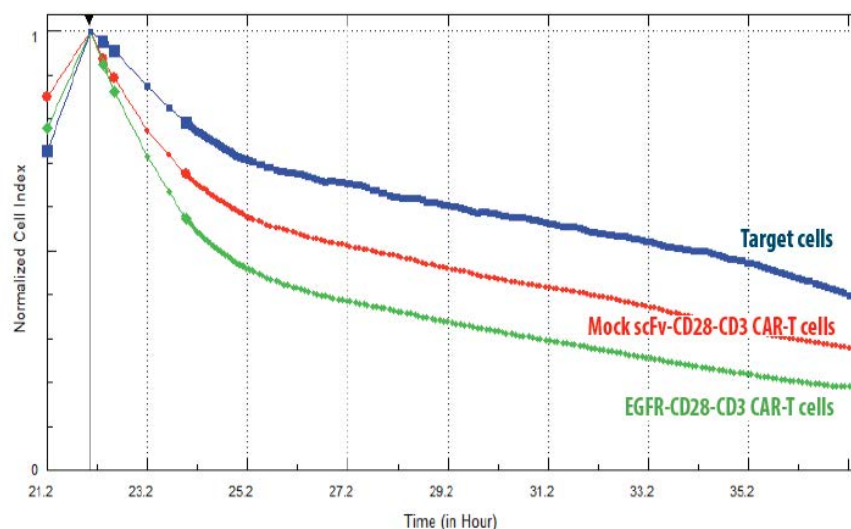
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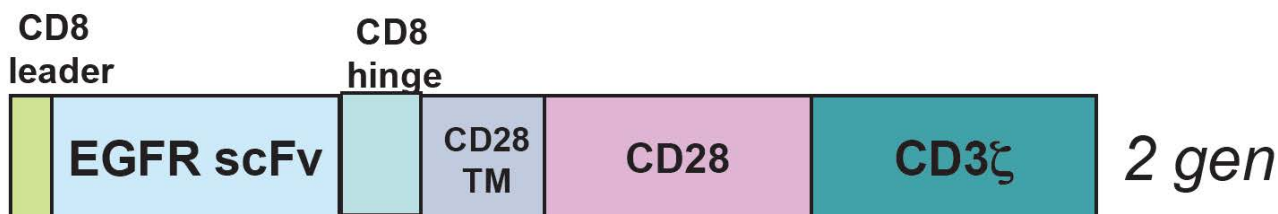
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**Figure 1.** CAR-T cells expressing the above constructs are available from AMSBIO targeting EGFR antigen. ScFv, single chain variable fragment. These CAR-T cells are generated with EGFR-CD28-CD3 zeta construct.



**Figure 2.** RTCA cytotoxicity activity of effector EGFR-CD28-CD3-CAR-T cells against MDA-231 target cells. Effector:Target cells ratio=10:1.

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