





EGFR scFv-4-1BB-CD3ζ CAR T-cells

CELL CULTURE LINE

Product Information					
Catalog#	AMS.PM-CAR1022				
Name	EGFR scFv-4-1BB-CD3ζ				
Order Information					
Size	1x10 ⁶ cells	2x10 ⁶ cells	1x10 ⁷ cells	2x10 ⁸ cells	> 1x10 ⁹ cells
Concentration	1x10 ⁶ cells/mL	1x10 ⁶ cells/mL	1x10 ⁶ cells/mL	1x10 ⁶ cells/mL	1x10 ⁶ cells/mL
Specification					
Category	CAR T-cells				
Storage	Short term -80°C; > 2 months liquid nitrogen -196°C				
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 EGFRscFv-CD28-CD3ζ, EGFRscFv-4-1BB-CD3ζ, and EGFRscFv-GITR-CD3ζ with CD3ζ control CAR-T cells are available at 1x10⁷-1x10⁹ cells in frozen vials and shipped on dry-ice. The Control Delta CD3 ζ 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.

EGFRscFv-4-1BB-CD3 ζ CAR T-cells

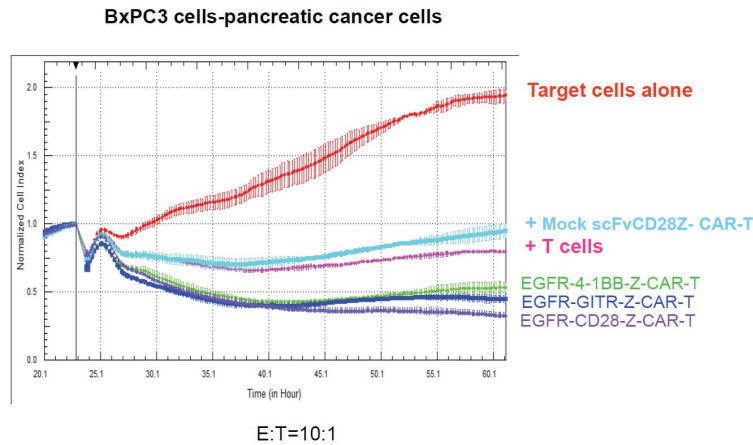


Figure 1. CAR-T cells expressing the above constructs are available targeting EGFR antigen. ScFv, single chain variable fragment. These CAR-T cells are generated with EGFR-CD28-CD3 zeta construct.

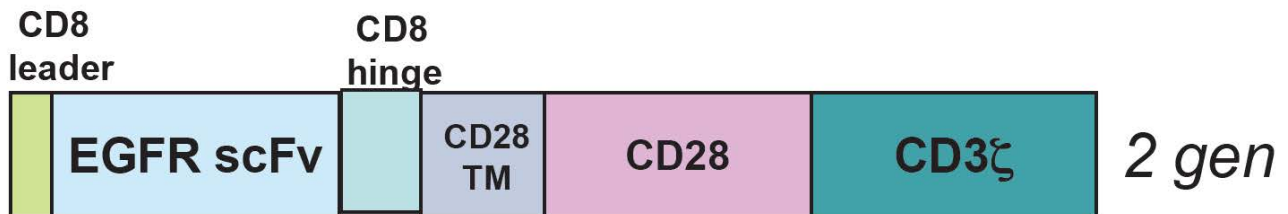


Figure 2. Real-time cytotoxicity assay (RTCA) with BxPC3 pancreatic cancer target cells and effector EGFRscFv-4-1BB-CD3 ζ versus EGFRscFv-CD28-CD3 ζ and EGFRscFv-GITR-CD3 ζ CAR T-cells

AMSBIO | www.amsbio.com | info@amsbio.com

UK & Rest of the World
184 Park Drive, Milton Park
Abingdon OX14 4SE, UK
T: +44 (0) 1235 828 200
F: +44 (0) 1235 820 482

North America
1035 Cambridge Street,
Cambridge, MA 02141
T: +1 (617) 945-5033 or
T: +1 (800) 987-0985
F: +1 (617) 945-8218

Germany
Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
T: +49 (0) 69 779099
F: +49 (0) 69 13376880

Switzerland
Centro Nord-Sud 2E
CH-6934 Bioggio-Lugano
T: +41(0) 91 604 55 22
F: +41(0) 91 605 17 85