

# EpCAM1 scFv-CD28-CD3 $\zeta$ CAR T-cells

Product Information					
Catalog#	PM-CAR1019				
Name	EpCAM1 scFv-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	\$1,335	\$2,000	\$5,335	\$10,000	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 EpCAM1 scFv-CD28-CD3<math>\zeta</math> and EpCAM*scFv-CD28-CD3<math>\zeta</math> * NheI restriction site introduced, N-terminal of scFV (amino acids: AS) 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.					

SEE DATA ON NEXT PAGE

AMSBIO | [www.amsbio.com](http://www.amsbio.com) | [info@amsbio.com](mailto: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

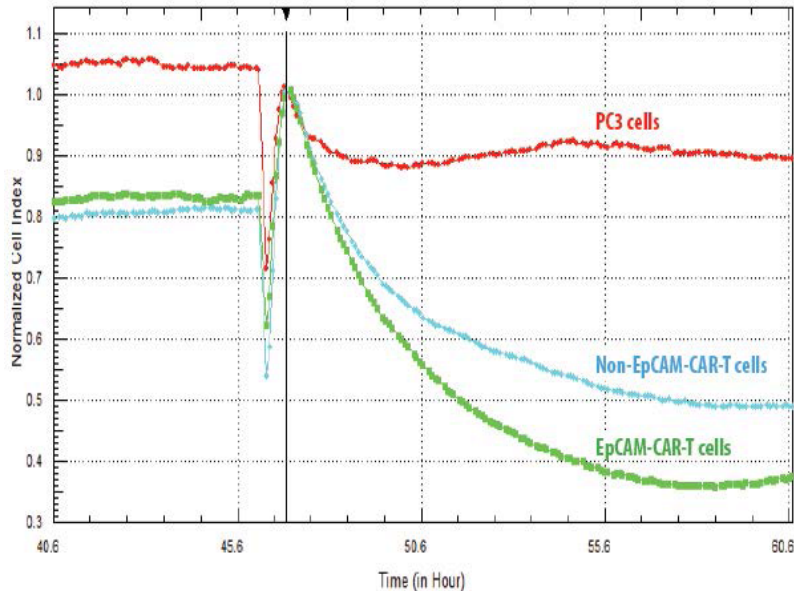


**Germany**  
Bockenheimer Landstr. 17/19  
60325 Frankfurt/Main  
T: +49 (0) 69 779099  
F: +49 (0) 69 13376880



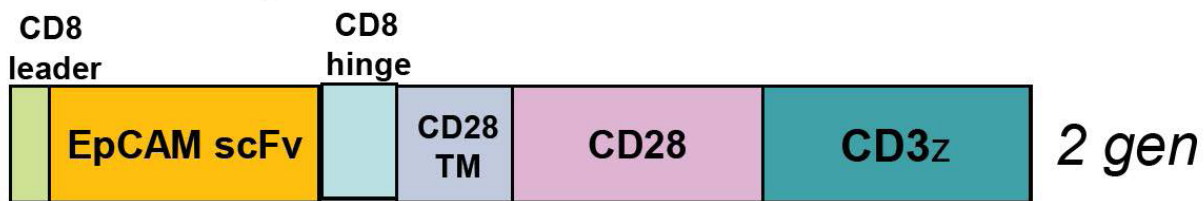
**Switzerland**  
Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano  
T: +41(0) 91 604 55 22  
F: +41(0) 91 605 17 85

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**Figure 1.** CAR-T cells expressing the above constructs are available from Promab targeting EpCAM antigen. ScFv, single chain variable fragment.

## EpCAM CAR construct



**Figure 2.** Real-time cytotoxic activity of EpCAM ScFv-CAR-T effector cells against EpCAM-positive target PC3 prostate cancer cells. The ratio of effector cells to target cells is 10:1.

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