

# EpCAM\*scFv-CD28-CD3ζ CAR T-cells

Product Information					
Catalog#	AMS.PM-CAR1020-1M				
Name	EpCAM*scFv-CD28-CD3ζ				
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	\$1,000	\$1,500	\$4,000	\$8,000	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-CD3ζ and EpCAM*scFv-CD28-CD3ζ * <b>NheI restriction site introduced</b>, N-terminal of scFV (amino acids: AS) with CD3ζ 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 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.					

SEE DATA ON NEXT PAGE

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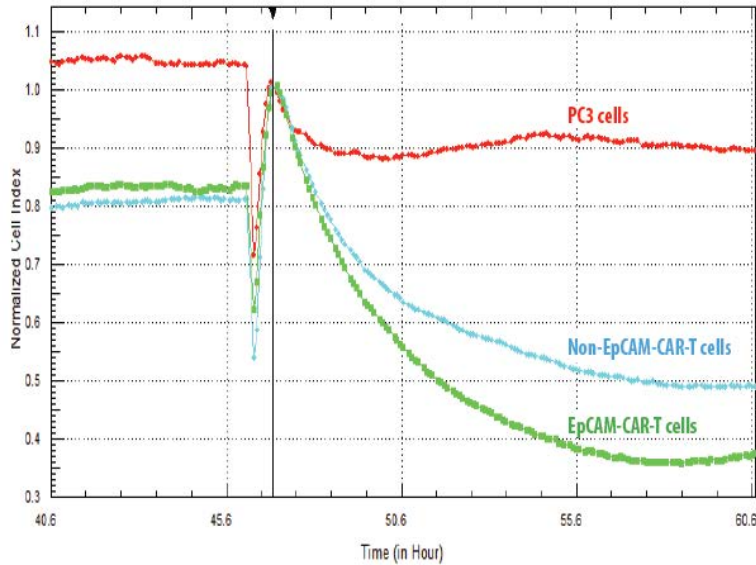
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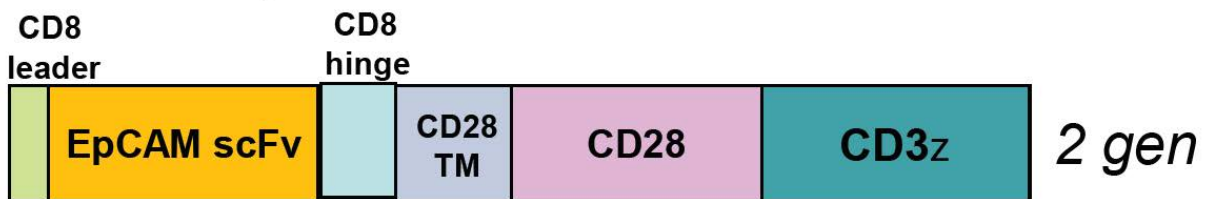
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# EpCAM<sup>\*</sup>scFv-CD28-CD3ζ CAR T-cells



**Figure 1.** CAR-T cells expressing the above constructs are available from AMSBIO 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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