

## Product datasheet for **TP721312**

### CD8A Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	APC Conjugated Human CD8 $\alpha$ Protein (C-His)
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	Ser22-Ala182
Tag:	C-His
Predicted MW:	The protein has a predicted molecular weight of 19 kDa and migrates at approximately 25-30 kDa on SDS-PAGE with DTT-reduced conditions before PE conjugation.
Concentration:	25 $\mu$ g size is bottled at 0.1mg/mL concentration. 100 $\mu$ g size is bottled at lot specific concentration.
Purity:	>90%
Conjugation:	APC
Buffer:	1xPBS buffer, pH7.4, 0.09% NaN <sub>3</sub> with a carrier protein
Bioactivity:	Positive

The definition of the active protein (purified and biotinylated) is defined as the protein that can bind to its biological receptor/ligand. For conjugated protein, it is defined with its function to bind to the ScFv of the active CAR-transfected cells in flow cytometry test.

Preparation:	Affinity Ni-NTA
Applications:	FACS
Storage:	An unopened vial can be stored at 4°C for 2 weeks or at -20°C and below for six months. This stock solution should be aliquoted and stored at $\leq$ -70°C to minimize the freeze/thaw cycles.
Stability:	6 Months
RefSeq:	<a href="#">NP_001759.3</a>
Locus ID:	925
UniProt ID:	<a href="#">P01732</a>



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