

## Product datasheet for **TP721257**

### CD274 Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | PE Conjugated Human PD-L1 Protein (C-His)   |
| Species:                              | Human   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | Phe19-Thr239  |
| Tag:                                  | C-His   |
| Predicted MW:                         | The protein has a predicted molecular weight of 27kDa and migrates at approximately 38kDa on SDS-PAGE with DTT-reduced condition before PE conjugation. |
| Concentration:                        | 25µg size is bottled at 0.1mg/mL concentration. 100 µg size is bottled at lot specific concentration.   |
| Purity:                               | >90%  |
| Conjugation:                          | PE  |
| 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 ≤ -70°C to minimize the freeze/thaw cycles. |
| Stability:    | 6 Months  |
| RefSeq:       | <a href="#">NP_054862.1</a>   |
| Locus ID:     | 29126   |
| UniProt ID:   | <a href="#">Q9NZQ7</a>  |



[View online »](#)