

## Product datasheet for **TP721336M**

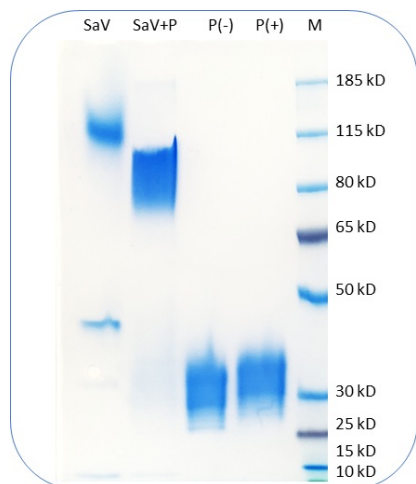
### CD7 Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Biotinylated Human CD7 Protein (C-His-Avi)  |
| Species:                              | Human   |
| Expression Host:                      | CHO   |
| Expression cDNA Clone or AA Sequence: | Ala26-Pro180  |
| Tag:                                  | C-His-Avi   |
| Predicted MW:                         | The protein has a predicted molecular weight of 20kDa and migrates at approximately 30-40kDa on SDS-PAGE with DTT-reduced condition.  |
| Concentration:                        | 25µg size is bottled at 0.2mg/mL concentration. 100 µg size is bottled at lot specific concentration.   |
| Purity:                               | >90%  |
| Conjugation:                          | Biotin  |
| Buffer:                               | 1xPBS buffer, pH7.4   |
| 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:                         | ELISA   |
| 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_006128.1</a>   |
| Locus ID:                             | 924   |
| UniProt ID:                           | <a href="#">P09564</a>  |



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**Product images:**

Biotinylated Human CD7 Protein (C-His-Avi) on SDS-PAGE under reducing condition P(+) and non-reducing condition P(-). The purity of this protein appears to be greater than 95% based on Coomassie-blue staining.