

## Product Datasheet

### HLA-A\*02:01&B2M&AFP (PLFQVPEPV) Tetramer Protein, Human, MHC (His & Avi) (orb2276656)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | Alpha-fetoprotein (AFP), a specific liver cancer marker, T cells expressing AFP-CAR selectively degranulated, released cytokines, and lysed liver cancer cells that were HLA-A*02:01 /AFP while sparing cells from multiple tissue types that were negative for either expressed proteins.CAR T-cell immunotherapy targeting intracellular/secreted solid tumor antigens can elicit a potent antitumor response. |
| <b>Storage</b>           | -20°C                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tag</b>               | C-His-Avi                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Note</b>              | For research use only                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Application notes</b> | Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.                                                                                                                                      |
| <b>Purity</b>            | 98.00%                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Uniprot ID</b>        | <b>P61769, A0A140T913</b>                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Expiration Date</b>   | 6 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                   |

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