

Product datasheet for **TP721295M**

Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | PE Conjugated Human PD1 Protein (C-His) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | Leu25-Gln167 |
| Tag: | C-His |
| Predicted MW: | The protein has a predicted molecular weight of 18 kDa and migrates at approximately 30-45 kDa on SDS-PAGE with DTT-reduced conditions 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% NaN3 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.

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| 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: | NP_005009.2 |
| Locus ID: | 5133 |
| UniProt ID: | Q15116 |



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