

# Recombinant Cynomolgus CD4, His tagged

**Cat. No.** CD4-143C    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Cynomolgus CD4 (G7N5T8) (Met1-Trp390), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.                                                                             |
| <b>Species</b>              | Cynomolgus                                                                                                                                                                                                    |
| <b>Source</b>               | Human Cells                                                                                                                                                                                                   |
| <b>ProteinLength</b>        | 1-390 a.a.                                                                                                                                                                                                    |
| <b>Predicted N Terminal</b> | Lys 26                                                                                                                                                                                                        |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                                                               |
| <b>Molecular Mass</b>       | The recombinant cynomolgus CD4 comprises 376 amino acids and has a calculated molecular mass of 41.8 KDa. The apparent molecular mass of it is approximately 48-53 KDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>            | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                               |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE                                                                                                                                                                               |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                     |
| <b>Storage</b>              | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein                                                                                                                          |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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