

## Recombinant Cynomolgus CD14, His tagged

**Cat. No.** CD14-8847C    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Cynomolgus CD14 (B3Y6B8) (Met1-Met344), 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>        | 1-344 a.a.                                                                                                                                                                                        |
| <b>Predicted N Terminal</b> | Thr 20                                                                                                                                                                                            |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                                                     |
| <b>Molecular Mass</b>       | The recombinant cynomolgus CD14 comprises 336 amino acids and has a calculated molecular mass of 36.5 KDa. The apparent molecular mass of it is approximately 44-48 KDa respectively in SDS-PAGE. |
| <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.

**GENE INFORMATION**

**Gene Name** CD14?CD14 molecule [?Macaca fascicularis?(crab-eating macaque) ]

**Official Symbol** CD14

**Gene ID** 102129342

**mRNA Refseq** XM\_005557988

**Protein Refseq** XP\_005558045

**Chromosome Location** 6

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