

## Active Recombinant Cynomolgus EPO protein(Met1-Arg192), His-tagged

**Cat. No.** EPO-1196C    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cynomolgus Epo (XP_005549312.1) (Met1-Arg192) was expressed in HEK293 with a polyhistidine tag at the C-terminus.                                              |
| <b>Species</b>          | Cynomolgus                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                     |
| <b>ProteinLength</b>    | Met1-Arg192                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                             |
| <b>Bio-activity</b>     | Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is typically 1-5 ng/mL.                                            |
| <b>Molecular Mass</b>   | The recombinant cynomolgus Epo consists 176 amino acids and predicts a molecular mass of 19.7 kDa.                                                                         |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                   |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                          |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. 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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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