

## Active Recombinant Cynomolgus TFRC protein, His-Avi-tagged, Biotinylated, Low Endotoxin

**Cat. No.** TFRC-0786C    **Lot. No.** (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Recombinant Cynomolgus TFRC protein(NP_001244232.1)(89-760 aa), fused with N-terminal His and Avi tag, was expressed in HEK293.                                                           |
| <b>Species</b>           | Cynomolgus                                                                                                                                                                                             |
| <b>Source</b>            | HEK293                                                                                                                                                                                                 |
| <b>ProteinLength</b>     | 89-760 aa                                                                                                                                                                                              |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                 |
| <b>Form</b>              | Lyophilized from 0.22 µm filtered solution in PBS, 8% trehalose (pH 7.4).                                                                                                                              |
| <b>Bio-activity</b>      | Immobilized Human Transferrin, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Cynomolgus Transferrin R, His Avi Tag with the EC50 of 44.4ng/ml determined by ELISA. |
| <b>Molecular Mass</b>    | The protein has a predicted MW of 78.1 kDa. Due to glycosylation, the protein migrates to 80-100 kDa based on Bis-Tris PAGE result.                                                                    |
| <b>Endotoxin</b>         | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                            |
| <b>Purity</b>            | > 90% as determined by Bis-Tris PAGE; > 90% as determined by HPLC                                                                                                                                      |

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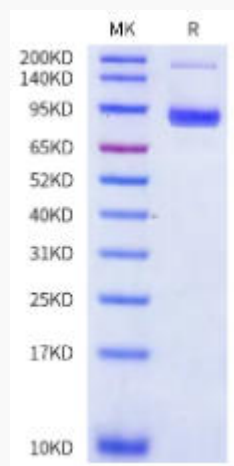
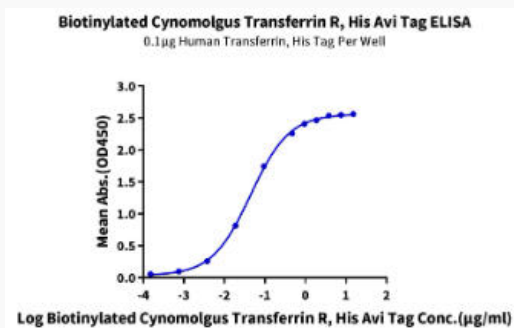
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**Storage**

Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution**

Dissolve the lyophilized protein in distilled water.

**Bis-Tris PAGE**

**ELISA Data**


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